

QUARTERLY REPORT 4

DEPARTMENT OF ENERGY

IMPLEMENTATION PLAN

FOR

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

RECOMMENDATION 94-4

**DEFICIENCIES IN CRITICALITY SAFETY
AT THE OAK RIDGE Y-12 PLANT**

**REPORTING PERIOD
OCTOBER 1 THROUGH DECEMBER 31, 1995**

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EXECUTIVE SUMMARY

This Report for the Defense Nuclear Facilities Safety Board (Board) Recommendation 94-4 Implementation Plan (Plan) covers the period from October 1 through December 31, 1995.

Operations in the Receipt, Storage, and Shipping (RSS) and Depleted Uranium Operations (DUO) mission areas were resumed at Y-12 on September 21, 1995 and September 29, 1995 respectively. The next mission area to be resumed is Disassembly and Assembly (D&A) which is currently scheduled to be operational by April 1, 1996. The Department's Oak Ridge Operations Office (ORO) will conduct a Readiness Assessment (RA) for D&A in February 1996.

All activities scheduled for completion during the reporting period were completed as planned, with the exception of Commitment N.2.5. For the quarter ending December 31, 1995, the Criticality Safety (Task 2/3), Conduct of Operations (Task 4), and Training (Task 5) Programs are proceeding on schedule and all commitments have been met.

Due to competing priorities at the Oak Ridge Site, planning is underway to revise the dates for Commitment 3.5, the assessment of the Y-12 Criticality Safety Program, and Commitment 5.5, the Training Assistance Team visit and subsequent report assessing contractor technical competence, originally scheduled for completion in February 1996. Revised dates for the assessments and subsequent reports will be formally transmitted to the Board in January 1996.

Activities completed during the fourth quarter calendar year (CY) 1995 are as follows:

<u>Commitment</u>	<u>Description</u>
N.4.2	Lockheed Martin Energy Systems (LMES) and the Department submitted all the required documents associated with DUO. The deliverables were: the LMES Readiness to Proceed Memorandum with endorsements and the LMES Readiness Assessment Report. Additionally, the LMES closure validation report for the restart of RSS was submitted. This report was the final N.4.2 deliverable for RSS.

- 2.2 The Task 2/3 Assessment Team conducted an assessment of Criticality Safety Approval (CSA)/Operational Safety Requirement (OSR) implementation at Y-12 and submitted a final report.
- 3.2 LMES evaluated its criticality safety program and submitted a report which included the results of CSA evaluations and the results of the previous 12 months of criticality safety assessments.
- 4.1 The Task 4 Conduct of Operations Assessment Teams submitted Assessment Programs to separately establish the implementation level of Conduct of Operations (COOP) activities at Y-12 for the Department and LMES.
- 4.2 The Task 4 Conduct of Operation Assessment Teams conducted their assessments and submitted separate evaluations of LMES conduct of operations implementation and the Department's conduct of operations oversight and support.
- 5.2 The Training Assistance Team and the Office of Environment, Safety, & Health (EH) Training Evaluation Team submitted their reports evaluating key Federal personnel involved with safety related activities at defense nuclear facilities at the Y-12 Plant.
- 5.3 The Department provided its response to the Training Assistance Team and the EH Team reports.

The following Commitment, scheduled for completion during the second calendar quarter, was delivered on July 12, 1995, but has not been accepted by the Board staff. EH and Board staff personnel have been working to resolve this issue and an addendum to the deliverable has been prepared and is currently being reviewed by the Department. The addendum will be submitted in early January 1996.

- N.2.5 The Office of Environment, Safety, & Health (EH) shall assess its role in oversight of Y-12 safety issues and provide appropriate recommendations and a CAP.

Activities scheduled for the first quarter CY 1996 are as follows:

- N.4.2 LMES and the Department will submit the Readiness to Proceed Memorandum, Readiness Assessment (RA) Report and the Closure Validation Report (required only if there are RA pre-start findings) associated with the Disassembly and Assembly mission area which is currently scheduled to complete resumption requirements during this quarter.

- 2.3 LMES will provide a Corrective Action Plan (CAP) addressing the corrective actions for the deficiencies identified in the Task 2 Assessment report evaluating the CSA/OSR implementation at Y-12.

- 3.3 LMES will also provide a CAP addressing their self evaluation of the criticality safety program at Y-12.

- 4.3 LMES and the Department will submit an integrated DOE/LMES CAP addressing the corrective actions for the deficiencies identified in the two Task 4 Conduct of Operations Assessment reports.

TASK 1, ORGANIZATION

Task 1 established the leadership and management structure for the development and execution of the Plan.

Deliverable 1.1, which provided a strawman Plan , and Deliverable 1.2, which identified the Senior Steering Committee, the Senior Working Group, and Task Leaders, were forwarded to the Board on February 24, 1995.

TASKS 2 & 3, CSA/OSR IMPLEMENTATION AND CRITICALITY SAFETY PROGRAM

During the quarter ending December 31, 1995, the following items were accomplished:

The Task 2 Assessment (Commitment 2.2) was conducted during the period October 16-25, 1995. The Task 2 assessment report was completed on November 29, 1995, briefed to the Department's 94-4 Senior Steering Committee on December 5, 1995, and delivered to the Board on December 7, 1995.

LMES has completed its evaluation (Commitment 3.2) of the criticality safety program at Y-12 and the report of the evaluation was forwarded to the Board on December 7, 1995.

Due to competing priorities at the Oak Ridge Site, planning is underway to revise the dates for the assessment of the LMES/Y-12 Criticality Safety Program and subsequent report originally scheduled for completion in February 1996. Efforts are now expected to commence in August and be complete by September 1996. Revised dates for the assessment and subsequent report will be formally transmitted to the Board in January 1996.

Activities planned for the next quarter include:

LMES will develop CAPs to correct deficiencies identified during the Task 2 Assessment and during the LMES self evaluation of the Criticality Safety Program.

TASK 4, CONDUCT OF OPERATIONS

During the quarter ending December 31, 1995, the following items were accomplished:

The 94-4 Task 4 Conduct of Operations (COOP) Assessment was completed and the final report was delivered to the site on November 8, 1995. In early December 1995, a video conference was established between the Department's 94-4 Senior Steering Committee, Task 4 COOP Assessment Team Leaders, ORO, Y-12 Site Office (YSO), and LMES to discuss the results of the COOP Assessment. The results of the Assessment were provided to the Board on December 7, 1995.

There is an ongoing joint effort between Headquarters (DP-24), ORO, YSO, and LMES in developing the integrated CAP for the Task 4 Assessments. The CAP will provide a process for implementing necessary site-wide programmatic improvements. LMES is ensuring that the CAP is based on the root causes of the issues identified during the assessments.

A working group met in mid December 1995 to discuss the expectations, scope, and path forward of the CAP. The group is scheduled for another working meeting in January 1996. The working group core members included representatives of LMES, YSO, ORO, and DP-24.

TASK 5, TECHNICAL COMPETENCE REVIEW

During the quarter ending December 31, 1995, the following items were accomplished:

The report, *Training Assistance Team Visit For Federal Workers Supporting The Department of Energy Oak Ridge Y-12 Plant*, was discussed with the 94-4 Senior Steering Committee on October 6, 1995 and formally transmitted to the Board as an October deliverable on November 3, 1995. The report was completed in September, informally given to the Board staff, and key findings were discussed in the previous quarterly report.

The *EH Office of Oversight Training Team Assessment Report for the EH Residents at the U.S. Department of Energy Oak Ridge Site* and the *EH Office of Oversight Training Team Assessment Plan for the EH Residents at the U.S. Department of Energy Oak Ridge Site* were submitted to the Board on November 8, 1995. These additional items complete the actions required by the Department for Commitments 5.1 and 5.2.

The CAP responding to Commitment 5.2, concerning Federal workers supporting Oak Ridge Y-12, was completed jointly by DP-24 and Federal management at the Oak Ridge Site. The CAP will be formally transmitted to the Board as a December deliverable on January 4, 1996. This CAP will complete the requirements for Commitment 5.3 of the Plan. The majority of the recommendations resulting from the Training Assistance Team visit were aggressively addressed before the CAP was completed.

Due to competing priorities at the Oak Ridge Site, planning is underway to revise the dates for the Training Assistance Team visit and subsequent report assessing contractor technical competence originally scheduled for completion in February 1996. Efforts are now expected to commence in April and be complete by May 1996. Revised dates for the assessment and subsequent report will be formally transmitted to the Board in January 1996. Mr. Roy Schepens is still expected to be the Team Leader for the visit. The Technical Personnel Program Coordinator is working with Mr. Schepens to develop the proper team composition for the assessment.

Activities planned for the next quarter include:

Team member selection and planning efforts will continue in preparation for the Training Assistance Team visit in April 1996 to assess contractor technical competence.

TASK 6, CORRECTIVE ACTIONS

Task 6 provides for the management and tracking of issues and corrective actions and periodic status reports to the Board.

In this task, the Senior Working Group integrates findings from previous task areas and oversees development of corrective action plans.

Attachment C provides corrective action status for all corrective action plans submitted to date, which include Commitments N.1.2, N.2.2, N.2.4, N.3.1, and 5.3. This status will be formally reported in each Quarterly Report. Also, working versions will be provided to the Board staff on a monthly basis.

ATTACHMENT A: COMMITMENT STATUS

COMMITMENT	DUE DATE	ACTUAL DATE	COMMENTS
N.1.1	APR 95	26 APR 95	
N.1.2	MAY 95	30 MAY 95	
N.1.3	1st START	25 AUG 95	Submit with LMES certification (Commitment N.1.5)
N.1.4	MAR 95	27 MAR 95	
N.1.5	1st START	30 AUG 95	Part of LMES Line Management Certification Letter
N.2.1	NOV 94	18 NOV 94	
N.2.2(a)	OCT 94	13 OCT 94	
N.2.2(b)	APR 95	28 APR 95	
N.2.3	1st START	18 SEP 95	
N.2.4(a)	APR 95	26 MAY 95	
N.2.4(b)	JUN 95	30 JUN 95	
N.2.5(a)	APR 95	12 JUL 95	
N.2.5(b)	MAY 95	12 JUL 95	Addendum addressing Board staff concerns in preparation.*
N.3.1	MAY 95	30 MAY 95	
N.3.2	1st START	29 AUG 95	Submit with LMES Certification Letter.
N.4.1	MAR 95	27 MAR 95	

ATTACHMENT A: COMMITMENT STATUS

COMMITMENT	DUE DATE	ACTUAL DATE	COMMENTS
N.4.2(a)	1st START	6 DEC 95*	RSS: All required deliverables have now been submitted.*
N.4.2(b)	2nd START	3 NOV 95*	DUO: All required deliverables (LMES Readiness to Proceed Memo and LMES Readiness Assessment Report) have been submitted.*
N.4.2(c)	MAR 96*		D&A: ORO RA scheduled for February, 1996.*
N.4.2(d)	TBD		Follow-on Resumptions
1.1	DEC 94	2 DEC 94	
1.2	JAN 95	JAN 95	
2.1	JUL 95	28 JUL 95	
2.2	DEC 95	6 DEC 95*	Or within 60 days of 2nd resumption; whichever is earlier.
2.3	FEB 96		
3.1	JUL 95	28 JUL 95	
3.2	DEC 95	6 DEC 95*	Or within 60 days of 2nd resumption; whichever is earlier.
3.3	FEB 96		
3.4	JUL 95	28 JUL 95	
3.5	MAR 96		Within 30 days of LMES CAP (Commitment 3.3).
3.6	MAY 96		Within 60 days of report from Commitment 3.5.
4.1	NOV 95	3 NOV 95*	30 days following 2nd resumption or Nov 95 whichever is earlier. Two separate program plans.
4.2	DEC 95	6 DEC 95*	60 days following 2nd resumption or Dec 95 whichever is earlier. Teams evaluating DOE and LMES each report.

ATTACHMENT A: COMMITMENT STATUS

COMMITMENT	DUE DATE	ACTUAL DATE	COMMENTS
4.3	FEB 96		60 days following issuance of reports in 4.2. One combined CAP.
5.1	JUN 95	30 JUN 95	EH provided a separate evaluation plan.*
5.2	OCT 95	10 OCT 95*	EH conducted a separate evaluation of EH personnel which was submitted separately.*
5.3	DEC 95	31 DEC 95*	
5.4	SEP 95	28 SEP 95	
5.5	FEB 96		
5.6	APR 96		
6.1	QTRLY		Submit with Quarterly Reports of Commitment 7.1.
7.1(a)	APR 95	28 APR 95	Interim report.
7.1(b)	QTRLY		Submit quarterly commencing in July 95.
8.1	AS REQ'D		

ATTACHMENT B: MONTHLY SCHEDULE OF DELIVERABLES

Schedule of Deliverables

*** = Target Date**

Mo/Yr	Near Term Initiatives	Tasks
Mar 95	1.4*, 4.1*	
Apr	1.1*, 2.2, 2.4(a), 2.5(a)	7.1
May	1.2*, 2.5(b), 3.1*	
Jun	2.4(b)	5.1
Jul		2.1, 3.1, 3.4, 7.1
Aug	1.3*, 1.5, 2.3*, 3.2*, 4.2	
Sep		5.4
Oct		5.2, 7.1
Nov		4.1
Dec		2.2, 3.2, 4.2, 5.3
Jan 96		2.3, 3.3, 4.3, 7.1
Feb		5.5
Mar		3.5
Apr		5.6, 7.1
May		3.6
Jun		
Jul		7.1

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE I

N.1.2: CORRECTIVE ACTION PLAN FOR LMES EVALUATION OF CRITICALITY SAFETY PROGRAM AND CSA/OSRs. (LMES Report Y/NO-00002)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
Y/NO-00002 SECTION 2	CORRECTIVE ACTIONS FOR FIRST MISSION AREA RESUMPTION		
LESSON LEARNED 1	CSA/OSR requirement statements must be clear and concise.		
ACTION LL 1-1	Revise Procedure Y70-160, <i>Criticality Safety Approval System, Training Module 8836, Nuclear Criticality Safety Training for Y-12 Supervisors</i> , and Procedure Y50-66-CS-325, <i>Nuclear Criticality Safety Analysis, Approval, and Control System</i> .		22 MAY 95
ACTION LL 1-2	Additional changes in the CSA process have been made to improve clarity and conciseness of CSA requirements. RSS related CSAs have been revised. Revise Procedure Y70-160.	RSS RESTART	28 AUG 95
ACTION LL 1-3	Develop new OSRs for RSS facilities and submit to DOE for approval.		8 MAY 95
LESSON LEARNED 2	The compliance methodology must be clearly articulated in CSAs/OSRs.		
ACTION LL 2-1	Develop and implement a CSA verification and validation process and a CSA implementation process to ensure compliance with the newly revised CSA administrative standards. These are procedurally controlled by Y70-01-150 (DSO) and Y70-37-19-071 (EUO).		

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE I

N.1.2: CORRECTIVE ACTION PLAN FOR LMES EVALUATION OF CRITICALITY SAFETY PROGRAM AND CSA/OSRs. (LMES Report Y/NO-00002)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
LESSON LEARNED 3	Operating and technical support personnel must understand safety implications which require strict compliance with CSAs/OSRs.		
LESSON LEARNED 4	There must be an auditable path from CSA/OSR requirements to documentation which demonstrates compliance.		
ACTION LL 4-1	Issue a standing order by the DSO Manager identifying the required compensatory measures when using procedures that do not incorporate CSA requirements. (Action 3-4 addresses the long term corrective actions.)		22 MAY 95
LESSON LEARNED 5	An implementation plan which permits continuous compliance with effective CSAs/OSRs is required for new and revised CSAs/OSRs.		
ACTION LL 5-1	Revise Procedure Y70-160 to provide a period for implementation of new or revised CSAs.	RSS RESTART	28 AUG 95
ACTION LL 5-2	Develop and approve surveillance procedures for the five new RSS OSRs. Conduct training and perform these procedures. Ensure operability of all required OSR-related systems and components before the OSRs become effective.		23 MAY 95
LESSON LEARNED 6	CSA/OSR noncompliances must be reported immediately.		

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE I

N.1.2: CORRECTIVE ACTION PLAN FOR LMES EVALUATION OF CRITICALITY SAFETY PROGRAM AND CSA/OSRs. (LMES Report Y/NO-00002)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
ACTION LL 6-1	Conduct awareness and Lessons Learned training on importance of following procedures and management expectations for nuclear operations personnel.		22 MAY 95
ACTION LL 6-2	Organizations responsible for OSR compliance develop and approve specific procedures that provide guidance for completing LCO actions when equipment does not meet LCO requirements. (Required by RSS resumption POA)		JUN 95
LESSON LEARNED 7	Facilities and operations involving CSAs/OSRs must be controlled to meet the expectation that activities are performed within the approved safety basis.		
ACTION LL 7-1	Implement a rigorous conduct of operations program through the RSS resumption POA and the 94-4 Implementation Plan. A specific detailed schedule coordinating implementation and assessment is part of the RSS resumption.	RSS RESTART	19 SEP 95
Y/NO-00002 SECTION 3	CONTINUED IMPLEMENTATION OF THE UPGRADE PROGRAM (Note: Continued implementation of the upgrade programs will be influenced by the assessments and CAPs resulting from the execution of Tasks 2-5 of the 94-4 Implementation Plan.)		
ACTION 3-1	LMES management apply the programmatic corrections described in Section 2 of Y/NO-00002 throughout the resumption process for Y-12 nuclear operations. (Based on restart of EUO)*	SEP 98*	

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE I

N.1.2: CORRECTIVE ACTION PLAN FOR LMES EVALUATION OF CRITICALITY
SAFETY PROGRAM AND CSA/OSRs. (LMES Report Y/NO-00002)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
ACTION 3-2	Upgrade the OSRs and CSAs for continuing nuclear operations to the new standards.	TBD TASKS 2/3 CAPs	
ACTION 3-3	Upgrade the CSAs and OSRs for each subsequent mission area prior to resumption of normal operations.	PRIOR TO EACH MISSION AREA RESTART	RSS 21 SEP 95 DUO N/A
ACTION 3-4	Complete new operating procedures incorporating revised CSA requirements	TBD TASK 4 CAP	
ACTION 3-5	Develop a configuration management system to supplement or replace the change control and document control processes in place for resumption.	MAR 97	
ACTION 3-6	Develop a standard describing the process for writing OSRs at Y-12.	JUN 95	28 JUL 95
ACTION 3-7	Upgrade individual OSRs as required by Phase II of the Safety Analysis Report Update Program (SARUP) refinement of their technical basis.	PHASE II SARUP SCHEDULE	
ACTION 3-8	Develop and implement the Nuclear Criticality Safety Improvement Program (NCSIP) to support 94-4 Implementation Plan Tasks 2 and 3.	94-4 TASK 2 & 3 ASSESSMENT DATES	

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE II

N.2.2: CORRECTIVE ACTION PLAN FOR ORO ROLE IN Y-12 INCIDENT.
(ORO R.J. Spence Memorandum dated 28 April 95)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
ACTION 1-1	Performance Indicators and Analyses: Review existing monthly data to determine if new performance indicators should be added or old ones deleted. Review completed and recommended changes forwarded for processing as outlined in attachment 1 to Spence memo.	VARIOUS THRU NOV 95	28 SEP 95
ACTION 1-2 / 1-3	Distribution of performance indicators is limited. Update and expand the distribution list. Distribute over LAN.		31 MAR 95
ACTION 2-1	ORO Oversight not Consistently Challenging Laxity: Develop a Conduct of Operations self-study course which would emphasize attention to detail and the standards based approach.	JUN 95	30 JUN 95
ACTION 2-2	Modify ORO appraisal training to include conduct of operations as the responsibility of everyone.	AUG 95	28 JUL 95
ACTION 3-1	Inadequate staffing of the Facility Representative (FR) Program at YSO. Hire six more FRs.		3 APR 95
ACTION 4-1	Facility Representatives were unsure as to their shutdown authority. Issue ORO wide policy on shutdown authority.		6 OCT 94
ACTION 4-2	Facility Representatives were unsure as to their shutdown authority. Revise YSO procedure 1.6		13 DEC 94
ACTION 5-1	Incorporating Conduct of Operations into ORO internal value system requires upper management support. Brief Senior Management Board on Conduct of Operations.	AUG 95	22 AUG 95
ACTION 6-1	ORO must improve its ability to anticipate problem areas and conduct subsequent mitigation planning. Develop issues management tracking system and program.	SEP 95	28 AUG 95
ACTION 7-1	HQ funding and support to implement conduct of operations must be adequate. This will be evaluated as part of Task 4 to the 94-4 Implementation Plan.	NOV 95	8 NOV 95*

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE III

N.2.4 (b): CORRECTIVE ACTION PLAN FOR ADDRESSING DP-24 LINE MANAGEMENT ISSUES ASSOCIATED WITH ITS ROLE AT Y-12.
(D. Rhoades Memorandum dated 30 June 95)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
SECTION A	FUNCTIONS, ASSIGNMENTS, AND RESPONSIBILITIES		
ACTION A.1	FAR compliance. DP-24 continue to monitor progress in addressing noncompliances with the FAR Manual as identified by the ongoing DP-31 assessment.		ONGOING*
ACTION A.2	Monitor revisions to the Defense Programs Operations Manual (DPOM) as promulgated by DP-40.*		ONGOING*
ACTION A.3	Carry out management and oversight activities specified in Chapter 7 of the DP-24 Process Manual.		30 JUN 95
SECTION B	NUCLEAR SAFETY ISSUES		
ACTION B.1	DP-24 establish a Site Assistance Team to conduct assistance visits to Defense Programs sites including Y-12.		30 JUN 95
ACTION B-2	Develop an issue database for the DP-24 Action Tracking System that includes issues from assist visits, audits and assessments performed at Y-12, SRS Tritium Facility, and Pantex.	OCT 95	31 OCT 95*

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE III

N.2.4 (b): CORRECTIVE ACTION PLAN FOR ADDRESSING DP-24 LINE MANAGEMENT ISSUES ASSOCIATED WITH ITS ROLE AT Y-12.
(D. Rhoades Memorandum dated 30 June 95)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
SECTION C	BUDGET PROCESS		
ACTION C-1	Develop office procedures which assure that ES&H measures are incorporated during the planning for activities involving stockpile support facility operations. (DP-24 Process Manual, Section 5.1)		MAR 95
ACTION C-2	Establish an Integrated Multi-Year Program Plan to implement guidance and direction for programmatic execution of the National Security Strategic Plan (NSSP).		30 JUN 95
ACTION C-3	Conduct program reviews on selected issues at each nuclear weapons facility on a quarterly basis.		30 JUN 95
SECTION D	DP-24 PROCESS MANUAL		
ACTION D-1	Complete development of the Process Manual.	NOV 95	
ACTION D-2 (a)	Develop and implement a training program on the Process Manual for DP-24 management and staff.	NOV 95	
ACTION D-2 (b)	Complete training for all DP-24 personnel on the Process Manual.	JAN 96	

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE IV

N.3.1: LMES ASSESSMENT OF THE CURRENT CONDUCT OF OPERATIONS POSTURE INCLUDING PROPOSED NEAR-TERM CORRECTIVE AND/OR COMPENSATORY ACTIONS. (LMES Report Y/NO-00003)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
Y/NO-00003 SECTION 3	NEAR TERM ACTIONS THAT ADDRESS THE ROOT CAUSE		
ACTION 3-1	All OSRs, CSAs, and implementing primary procedures supporting the RSS Mission Area are in the final phase of approval. Complete the approval process. (para. 3.2.2)	RSS RESTART	21 SEP 95
ACTION 3-2	Employee training on all revised procedures will be completed shortly after approval. Train employees. (para. 3.2.2)	RSS RESTART	21 SEP 95
ACTION 3-3	Issue revised OSRs, CSAs, and implementing primary procedures. (para. 3.2.2)	RSS RESTART	21 SEP 95
ACTION 3-4	Upgrade surveillance procedures supporting the initial resumption Mission Area. (para. 3.3.1)		25 MAY 95
ACTION 3-5	Revise the procedure use categorization process. (para. 3.4.1)		25 MAY 95
ACTION 3-6	Properly categorize existing operating and surveillance procedures in resumption mission area and train personnel to the new definitions-of-use. (para. 3.4.2)	PRIOR TO EACH MISSION AREA RESTART	RSS - 21 SEP DUO - 29 SEP
ACTION 3-7	Upgrade the procedure verification and validation process. (para. 3.4.3)		25 MAY 95

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE IV

N.3.1: LMES ASSESSMENT OF THE CURRENT CONDUCT OF OPERATIONS POSTURE INCLUDING PROPOSED NEAR-TERM CORRECTIVE AND/OR COMPENSATORY ACTIONS. (LMES Report Y/NO-00003)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
ACTION 3-8	Develop a Conduct of Operations Manual with sections of the manual to be issued in accordance with an implementation plan schedule to support RSS. (para. 3.5)	RSS RESTART	21 SEP 95
ACTION 3-9	Operations Areas will be defined to manage operations and maintain safety envelope integrity. The Operations Area for Bldg 9212 has been established and described in Chapter 1 of the Conduct of Operations Manual. Identify remaining Operations Areas. (para. 3.6.1)	PRIOR TO EACH MISSION AREA RESTART	RSS - 21 SEP DUO - 29 SEP
ACTION 3-10	Four new positions are being established that will directly impact conduct of operations practices: Operations Manager, Shift Manager, Shift Administrative Assistant, and Shift Technical Advisor. Fill these positions. (para. 3.6.2)	PRIOR TO EACH MISSION AREA RESTART	RSS - 21 SEP DUO - 29 SEP
ACTION 3-11	Develop and implement a training program for Shift Technical Advisors (STA). (para. 3.6.2)	SEP 96	
ACTION 3-12	Develop a detailed and formalized self-assessment program to promote management identification of weaknesses in conduct of operations performance. (para. 3.7.1)	JAN 96	
ACTION 3-13	Develop and implement conduct of operations performance measures which will provide management with clear trends and a basis for corrective actions. (para. 3.7.1)	PRIOR TO EACH MISSION AREA RESTART	RSS - 21 SEP DUO - 29 SEP

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE IV

N.3.1: LMES ASSESSMENT OF THE CURRENT CONDUCT OF OPERATIONS POSTURE INCLUDING PROPOSED NEAR-TERM CORRECTIVE AND/OR COMPENSATORY ACTIONS. (LMES Report Y/NO-00003)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
ACTION 3-14	For the RSS Mission Area, resumption supporting activities have been incorporated into a detailed logic driven integrated schedule. Remaining Mission Area Managers develop their integrated schedules. (para. 3.7.4)	PRIOR TO EACH MISSION AREA RESTART	RSS - 21 SEP DUO- 29 SEP
Y/NO-00003 SECTION 4	LONG TERM ACTIONS THAT ADDRESS THE ROOT CAUSE		
ACTION 4-1	Expand the staff to the Manager, Nuclear Operations to provide him direct staff support in matters impacting on conduct of operations practices. (para. 4.1)	DEC 95	1 OCT 95*
ACTION 4-2	Assign an Assistant Manager to each Operations Manager (Depleted Uranium, Disassembly and Storage, and Enriched Uranium). (para. 4.1.1)	DEC 95	1 OCT 95*
ACTION 4-3	Hire for a newly approved position titled Qualification and Procedures Manager, who will ensure all department procedures are current and all affected employees are current in their respective qualification. (para. 4.1.2)		JUN 95
ACTION 4-4	Establish and fill a new position called Program Support Manager to coordinate key activities that influence implementation of a conduct of operations program. (para. 4.1.3)		25 MAY 95
ACTION 4-5	Establish a continuing training program that will ensure that proficiency and requalification are performed in accordance with DOE Order 5480.20A. (para. 4.2.2)	TBD 94-4 TASK 5 CAP & 5480.20 TIM	

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE IV

N.3.1: LMES ASSESSMENT OF THE CURRENT CONDUCT OF OPERATIONS POSTURE INCLUDING PROPOSED NEAR-TERM CORRECTIVE AND/OR COMPENSATORY ACTIONS. (LMES Report Y/NO-00003)

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
ACTION 4-6	Implement and integrate administrative processes for configuration control, work control, document control, and other site-wide processes. (para. 4.3.3)	MAR 97	
ACTION 4-7	Train line managers to assess conduct of operations performance by observations/evaluations at the working level. (para. 4.4.1)	JAN 96	

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE V

5.3: DOE 94-4 IMPLEMENTATION PLAN COMMITMENT 5.3 TRAINING PROGRAM ACTION PLAN.

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
SECTION II	HEADQUARTERS, DP-24, ACTION PLAN		
1. DP-24 line management ownership and commitment to training need to be strengthened.			
T5-HQ-1	Designate a DP-24 training driver to aggressively implement the Technical Qualification Program.	DEC 95	DEC 95
T5-HQ-2	Assign DP-24 Y-12 Team staff to a technical functional area (vs. technical manager) to provide a technically stronger team and simplify the overall process.	DEC 95	8 DEC 95
T5-HQ-3	Ensure managers include specific goals and training requirements of the staff in the employee's IDPs. a) identify needed competencies; b) evaluate existing equivalencies and completion of competencies; c) identify formal training to meet competencies; and d) identify professional goals.	DEC 95 MAR 96 JUN 96 JUN 96	8 DEC 95
SECTION III	OAK RIDGE, Y-12 SITE, ACTION PLAN		
1. Line management ownership and commitment to training need to be strengthened.			
T5-ORO-1a	TDD should report directly to the ORO Manager/Deputy Manager.		No action proposed.
T5-ORO-1b	A proactive TDD technical training specialist should be matrixed to YSO and should report directly to the YSO Manager.	OCT 95	OCT 95

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE V

5.3: DOE 94-4 IMPLEMENTATION PLAN COMMITMENT 5.3 TRAINING PROGRAM ACTION PLAN.

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
T5-ORO-1c	ORO should designate a lead senior technical manager and technical representatives from all ORO line organizations to work together and be responsible for providing direction and guidance to TDD and line staff for effective and efficient implementation of 93-3.		No action proposed
T5-ORO-1d	YSO line management should formally identify training needs and hold TDD accountable for specific deliverables. This is normally accomplished by a training plan developed by the technical line management with input from TDD.	SUMMER 96	
2. TDD needs to be aggressive in identifying and supporting line management needs.			
T5-ORO-2a	Provide a matrixed technical training specialist to report full time to the YSO Manager.	OCT 95	OCT 95
T5-ORO-2b	Develop technical training materials in support of line management needs for self-study and on-the-job training.		ONGOING
T5-ORO-2c	Develop and present formal performance-based training.		ONGOING
T5-ORO-3	YSO, with support from TDD, needs to expedite development of site-specific training for Facility Representatives and technical support personnel. (While a more aggressive schedule is being pursued, this effort is heavily dependent on resource availability.)	MAY 98 (Based on 93-3 commitment)	
T5-ORO-4	YSO needs to provide timely follow-up and closure of deficiencies and commitments from the contractor to ensure improvement is continually achieved. (Develop and implement a deficiency tracking system.)	DEC 95	
T5-ORO-5	YSO needs to define and implement Facility Representative roles and responsibilities during an emergency.	NOV 95	15 DEC 95

ATTACHMENT C: CORRECTIVE ACTION TRACKING

TABLE V

5.3: DOE 94-4 IMPLEMENTATION PLAN COMMITMENT 5.3 TRAINING PROGRAM
ACTION PLAN.

REFERENCE NUMBER	CORRECTIVE ACTION PLAN (CAP) ITEM	PLANNED CLOSURE	ACTUAL DATE
T5-ORO-6	The Restart Team including the Facility Representatives needs to be reconfigured into an Operations Branch reporting directly to the YSO Manager following resumption of operations.	LAST RESTART	

DNFSB RECOMMENDATION 94-4

TASK 4


CORRECTIVE ACTION PLAN

(CONDUCT OF OPERATIONS)



January 31, 1996

Approval:  Date: 1/31/96
Dale E. Christenson

Approval:  Date: 1/31/96
Robert J. Spence

**DNFSB RECOMMENDATION 94-4 TASK 4 CORRECTIVE ACTION PLAN
(CONDUCT OF OPERATIONS)**

CAP ID	Description	Responsiibility	Due	Status	Assessment ID #
III	DEPARTMENT OF ENERGY IMPROVEMENT AREAS				
III.A	DOE OVERSIGHT PROGRAM				
III.A.1	Program Development				
III.A.1.a.1	Develop a Management Walk-Through Process and formalize as part of a Y-12 Site Office (YSO) procedure. (See III.A.2.c)	YSO - D. Hoag/D. Wall	3/96		F-1.2-2
III.A.1.a.2	Develop a program for periodic Oak Ridge Operations (ORO) Assist Visit Process on Conduct of Operations at Y-12. (See III.A.2.d.1)	ORO - M. Parker	5/96		F-1.3-5
III.A.1.a.3	Develop an ORO Management Walk-Through Process for Y-12. (See III.A.2.d.2)	ORO - M. Parker	5/96		F-1.2-2
III.A.1.b.1	Develop a list of previously used and projected resource needs that ORO or DP-HQ could provide support in obtaining.	YSO - D. Hoag M. Livesay	2/96		F-1.3-1
III.A.1.b.2	Develop a program to provide ongoing support to ORO/ YSO.	DP-24 Richard Stern	3/96		F-1.3-1 F-1.3-3 F-1.3-4

III.A.1.c	Develop long-term staffing plan after Y-12 long-term missions are better defined in light of ongoing resumption planning and Defense Programs budgets.	YSO - Diane McCarten	8/96		F-1.3-2
III.A.1.d	Evaluate Facility Representative Responsibilities as they relate to oversight of the Quality Evaluation Special Operation and performance of principal and collateral duties.	YSO - M. Miller	NA	Completed, 1/18/96	F-1.3-3
III.A.1.e	Revise Y-12 Site Office procedures to enhance the Performance Indicators which will include enhancing and upgrading performance indicators for Conduct of Operations.	YSO - Dan Hoag	3/96		F-1.3-6
III.A.1.f	Evaluate the sufficiency of the award fee percentage weight assigned to Conduct of Operations. (See III.A.2.f)	YSO - D. Christenson	6/96		F-1.3-7
III.A.2	Program Execution and Implementation				
III.A.2.a.1	Implement revised agenda for weekly Facility Representative meeting and document changes to file.	YSO - M. Miller		Completed, 1/18/96	F-1.2-3
III.A.2.a.2	Perform and document training and awareness sessions on the need for involving Y-12 Site Office staff on issues identified by the Facility Representatives and encourage open communications with YSO personnel.	YSO- M. Miller		Completed, 1/18/96	F-1.2-4
III.A.2.b	Conduct training on the new procedure for Performance Indicators.	YSO - D. Hoag	3/96		F-1.3-6

III.A.2.c	Implement a Management Walk-Through Process as part of a Y-12 Site Office (YSO) procedure. (See III.A.1.a.1)	YSO-D. Hoag/D. Wall	3/96		F-1.2-2
III.A.2.d.1	Implement a periodic Oak Ridge Operations (ORO) Assist Visit Process on Conduct of Operations at Y-12. (See III.A.1.a.2)	ORO - M. Parker	5/96		F-1.3-5
III.A.2.d.2	Implement an ORO Management Walk-Through Process for Y-12. (See III.A.1.a.3)	ORO - M. Parker	5/96		F-1.2-2
III.A.2.e	Initiate actions to improve Facility Representative coverage of principle and collateral duties based on results of evaluation per Item III.A.1.d.	YSO - M. Miller		Completed, 1/18/96	F-1.3-3
III.A.2.f	Issue a recommendation in writing to the Y-12 Site Manager with the results of the evaluation of the sufficiency of award fee percentage weight assigned to Conduct of Operations. (See III.A.1.f)	YSO - D. Christenson	6/96		F-1.3-7

III.A.3	Program Assessment				
III.A.3.a	Conduct a YSO self-assessment on the effectiveness of Y-12 Site Office oversight of conduct of operations.	YSO - D. Hoag	8/96		
III.A.3.b	Conduct follow-up assessment on the effectiveness of corrective actions for findings and concerns identified by the Task 4 Review.	COO Assessment Team - J. Colville	9/96		

CAP ID	Description	Responsibility	Due	Status	Assessment ID #
III.B	DOE Corrective Action Program				
III.B.1	Program Development				
III.B.1.a	Revise Monthly Report process to include: 1) Provide LMES an advance draft copy of the Monthly Assessment Report prior to the monthly meeting. 2) Clarify YSO guidance to LMES on transmitting corrective action plans to the YSO. (See III.B.2.c)	YSO - D. McCarten	NA	Complete,	F-1.2-1
III.B.1.b	Revise Y-12 Site Office procedures to enhance the Deficiency Tracking System used within the Y-12 Site Office. (See III.B.2.d)	YSO - D. McCarten D. Hoag	9/96		F-1.3-6
III.B.1.c	Revise the existing YSO issues management methods; revise procedures where needed to enhance the Issues Management System. (See III.B.2.e)	YSO - D. McCarten D. Hoag	9/96		F-1.3-6

III.B.1.d	Revise YSO procedures to provide guidance on the requirements for evaluating for lessons learned and generic implications for findings against the YSO.	YSO - M. Sundie	3/96		F-1.3-8
III.B.1.e	Develop and promulgate guidance for the approval of LMES corrective action plans to preclude future CAP approvals which contain the development of an action plan as the only action. (See III.B.2.g)	YSO - D. Hoag	3/96		F-2.4-1
III.B.1.f	Review previously closed DOE findings from RSS resumption oversight activities in accordance with revised YSO procedure guidance to ensure that generic implications, lessons learned, etc... were properly addressed. (See III.B.2.a)	YSO - M. Sundie	5/96		F-1.3-8
III.B.2	Program Execution and Implementation				
III.B.2.a	Initiate additional corrective actions as determined necessary from the review of previously closed DOE finding from RSS resumption oversight activities. (See III.B.1.f)	YSO - M. Sundie	5/96		F-1.3-8
III.B.2.b	Perform Corrective Action Plan development and Verification and Validation on DOE RSS RA findings against DOE-OR in accordance with YSO procedures.	YSO - M. Sundie	3/96		F-1.3-8 (F-2.3 - Form 1)

III.B.2.c	Implement actions of Item 14.1.1 to provide LMES an advance draft copy of the Monthly Assessment Report prior to the monthly meeting and to clarify YSO guidance to LMES on transmitting corrective action plans to the YSO. (See III.B.1.a)	YSO - D. McCarten	NA	Complete,	F-1.2-1
III.B.2.d	Implement revisions to Y-12 Site Office procedures which enhance the Deficiency Tracking System used within the Y-12 Site Office. (See III.B.1.b)	YSO - D. McCarten D. Hoag	9/96		F-1.3-6
III.B.2.e	Implement the changes to existing YSO issues management methods and procedures for the Issues Management System. (See III.B.1.c)	YSO - D. McCarten D. Hoag	9/96		F-1.3-6
III.B.2.f	Implemented revised YSO procedures IAW Item III.B.1.d for evaluating for lessons learned and generic implications for findings against the YSO.	YSO - M. Sundie	3/96		F-1.3-8
III.B.2.g	Implement guidance for the approval of LMES corrective action plans to preclude future CAP approvals which contain the development of an action plan as the only action. (See III.B.1.e)	YSO - D. Hoag	3/96		F-2.4-1

CAP ID	Description	Responsiibility	Due	Status	Assessment ID #
III.C	Occurrence Notification and Reporting				
III.C.1	Program Development				

III.C.1.a.1	Develop new LMES procedure for compliance to new DOE Order 232.1.	LMES			F-3.2-2
III.C.1.a.2	Review and approve the new LMES procedure for compliance to new DOE Order 232.1.	YSO - P. Jackson	3/96		F-3.2-2
III.C.1.a.3	Provide DP and EH a courtesy copy of the new LMES procedure for compliance to new DOE Order 232.1.	YSO - P. Jackson	3/96		F-3.2-2
III.C.1.a.4	Provide overview to Facility Representatives and Y-12 Site Office on new DOE Order 232.1.	YSO - P. Jackson	2/96		F-3.2-2
III.C.2	Program Execution and Implementation				
III.C.2.a.1	Install ORPS work stations for all Y-12 Site Office Facility Representatives.	YSO - P. Jackson	NA	Completed, 12/20/95	F-3.2-1
III.C.2.a.2	Train Y-12 Site Office Facility Representatives on ORPS usage.	YSO- P. Jackson	1/96		F-3.2-1
III.C.2.a.3	Provide ORPS passwords to YSO Facility Representatives from Operational Event Information Systems (OEIS).	YSO - P. Jackson	NA	Completed, 11/07/95	F-3.2-1

CAP ID	Description	Responsiibility	Status	Assessment ID #
III.D	Concerns which require no further action.			

III.D.1	There is no DP-wide guidance for conduct of operations.	DP-24	DP-24 has evaluated that there is no additional guidance necessary for Conduct of Operations.	F-1.1-1
III.D.2	YSORT needs to expand its oversight effort of the procedure improvement process to the DUO and EUO facilities.	YSO	YSO has evaluated the issue and determined that the review of procedures will be conducted at the time they are prepared as part of the normal resumption review process.	F-2.1-1
Closure documentation will be made available upon request.				

**CHANGE 4 to Rev. 0 of the Department of Energy Implementation Plan
for Defense Nuclear Facilities Safety Board Recommendation 94-4**

Purpose of Change:

Commitments 3.5 and 5.5 were originally scheduled for February 1996. This schedule for accomplishing Commitments 3.5 and 5.5 cannot be achieved without severely impacting the higher priority task of completing the resumption of the Disassembly and Assembly (D&A) mission area on time. Therefore, Commitment 3.5 is rescheduled until September 1996 and Commitment 5.5 is rescheduled until May 1996. The rescheduling of these commitments also results in a rescheduling of two related commitments: Commitment 3.6 will be due within 60 days of the Commitment 3.5 report (November 1996); and Commitment 5.6 will now be due by July 1996.

There are several reasons for rescheduling these commitments:

- A. There are not enough LMES personnel resources available to support two major assessments and maintain the D&A resumption schedule. As noted, the resumption schedule has first priority because it plays a pivotal role in several national priority programs.
- B. The Corrective Action Plans (CAPs) developed to address the deficiencies identified in the recent Task 2, 3, and 4 assessments are only just being put into place and should be given time to be implemented. These CAPs will have a positive impact on the assessments of Commitments 3.5 and 5.5.

C . The Department wide Uranium Vulnerability Assessment is scheduled to be conducted at Y-12 during May and June 1996, tying up important personnel resources during that time.

Instructions:

Replace pages 16-18 and 21-23 with pages 16-18 and 21-23, Ch.4. Black line on right margin indicates the change.

Distribution:

Senior Steering Committee
Senior Working Group
Task Leaders
Defense Nuclear Facilities Safety Board

Task 3: CRITICALITY SAFETY PROGRAM

Conducts a complete comprehensive review of the Y-12 Criticality Safety Program, including the adequacy of procedural controls, the utility of the criticality safety approvals, and a root cause analysis of noncompliances found in preresumption reviews.

Purpose:

Verify that the criticality safety program is established at the Y-12 site and ensure that DOE Order 5480.24, "Criticality Safety," is comprehensively addressed and that the tools provided for administrative controls are appropriate to the users. The review will further determine whether the Criticality Safety Program meets the following objectives:

- o MMES organization responsible for criticality safety programs is in place and staffed (training aspects will be addressed in Task 5);*
- o Maintenance programs supporting criticality safety equipment together with the appropriate change control procedures are in place;*
- o A program for performing nuclear criticality safety evaluations has been developed and implemented;*
- o The appropriate administrative controls and implementing procedures are in place; and*
- o The facility has incorporated the requirements of DOE Order 5480.24 and implemented applicable portions of DOE Orders 5480.3 and 5480.4 and American Nuclear Society (ANS) Standards 8.1, 8.3, 8.5, 8.7, 8.15, and 8.19.*

Discussion:

During reviews of existing criticality safety approvals for the facilities at the Y-12 site, a large number of discrepancies were identified. Martin Marietta Energy Systems, Inc., will fully evaluate the Criticality Safety Program for the facilities at the Y-12 site, determine the root cause of deficiencies, and develop corrective action plans. The objective is to develop a formal, documented program of criticality safety in accordance with the requirements addressed above.

Additionally, programmatic issues germane to resumption will be identified as part of Near-Term Initiatives N.1.1 through N.1.3 and progress will be reflected in the Quarterly Reports.

After the MMES review, the independent DOE team used in Task 2 will evaluate the full criticality safety program at the Y-12 Plant. The Task 3 review is intended to be conducted concurrently and with criteria that complement the review discussed in Task 2. This coordinated assessment will ensure that all applicable topics are reviewed while at the same time eliminating redundancy.

ch.4

Commitment 3.1 *The MMES shall develop criteria based upon industry standards and DOE Order 5480.24. This activity should be worked in conjunction with criteria development for independent review, discussed in 3.4.*

Deliverable: Criteria
Action: MMES
Target: July 1995 (Based on first restart)

Commitment 3.2 *The MMES will evaluate the criticality safety and integrate the results of CSA evaluations and the results of the previous 12 months of internal or external criticality safety assessments into the final report. The conduct of a systems engineering evaluation of the MMES standards program and examination of operating procedures (i.e., CSAs, OSRs, Class 1 Procedures) can be more efficient, consistent with the Y-12 complex, and more useable.*

Deliverable: Report
Action: MMES
Due: December 1995 or within 60 days of second resumption, whichever is earlier

Commitment 3.3 *Develop a corrective action plan for deficiencies identified above, including Root Cause Determination.*

Deliverable: CAP
Action: MMES
Due: 60 days after completion of report in
Commitment 3.2 above

Commitment 3.4 *Develop a criticality safety review program to assess the performance objectives discussed in the above Purpose section. Specific assessment criteria will be generated for each objective.*

Deliverable: Assessment Program
Action: DOE Team
Target: July 1995 (Based on first resumption)

Commitment 3.5 Conduct an assessment of the MMES/Y-12 criticality safety performance objectives per the program developed in Commitment 3.4. Evaluate the corrective action program.

Assess a smart sample of criticality safety analyses and their independent review.

- o Sample the analyses that form the bases of the criticality safety program; and***
- o Develop essential criteria for configuration management, independent review, independent analysis methodology, sample basis and sample expansion, and technical content.***

Deliverable: Report
Action: DOE Team
Due: September 1996

Commitment 3.6 MMES and OR/Y-12 develop respective Corrective Action Plans

Deliverable: CAPs
Action: MMES/Y-12/OR
Due: Within 60 days of the report in Commitment 3.5

TASK 5: TECHNICAL COMPETENCE REVIEW

Evaluates the experience, training and performance of key Department and M&O contractor personnel involved in safety-related activities at defense nuclear facilities within the Y-12 Plant. The scope of the review for Federal personnel includes all technical personnel that provide management direction or oversight impacting the safe operation of the Y-12 Plant. This review will include those appropriate DP personnel at Y-12, OR, the Office of Site Operations (DP-24) line management of Y-12, and EH oversight personnel. EH personnel will be evaluated by a separate team chartered by EH.

Purpose:

To ensure that key Department and contractor personnel possess the proper training and experience and can perform their required tasks in a formal, deliberate fashion in accordance with reviewed and approved procedures. These personnel and their associated training and qualification programs will be supplemented, as appropriate, with the lessons learned from the complex in areas of training and qualification.

Discussion:

The Department has developed a Training Assistance Team concept in response to the Board's Recommendation 93-3. Commitment 5.8 of the Department's 93-3 Implementation Plan developed this concept into a formal assistance program that will be called upon to conduct the required assessments. This program, along with the lessons learned from the 93-3 Implementation Plan training and qualification initiatives, will be used to conduct the required evaluations and subsequent corrective actions.

In addition, the Critical Safety Elements (CSEs) developed in response to the Board's 93-1 Recommendation will be used as input for developing the assessment plan.

The evaluations will be conducted for both key Federal and contractor personnel associated with safety-related activities at the Department's Y-12 Plant. These evaluations and actions will be coordinated and integrated with other related activities in the 94-4 Plan and will also consider the results of readiness assessments to date. The DOE review will consider the results of the ongoing DP staffing review, as a guide in determining where to focus the greatest attention.

DOE Evaluation Team Leaders will be selected to conduct the evaluations. The Team Leaders are responsible for developing the Training Assistance Team programs and assembling the specific team members necessary to conduct the evaluations. A Training Assistance Team program may include reviewing the following items:

- o Training plans and resource allocations;*
- o Training, qualification and experience records;*
- o Infrastructure and relationship to the OR;*
- o Results of DP staffing review;*
- o Personnel performing activities;*
- o Criteria for evaluation of performance;*
- o Individual development plans;*
- o Training and qualification activities;*
- o Comparison of staffing to similar sites;*
- o Impact of revised Order implementing Federal training requirements; and*
- o Oversight of contractor activities.*

Commitment 5.1 The Training Assistance Teams (Two teams, one will review EH personnel and the other will review remaining Federal personnel) will develop a program to implement the evaluation of key Federal personnel involved with safety-related activities at defense nuclear facilities at the Y-12 Plant.

Deliverable: Training Assistance Team programs
Due Date: June 1995
Responsibility: Team Leaders

Commitment 5.2 The Training Assistance Teams will conduct an assessment using the criteria and performance objectives established in each Training Assistance Team program. The results of the evaluation will be summarized in a report by each Team outlining both observations and recommendations.

Deliverable: Team Reports
Date: October 1995
Responsibility: Team Leaders

Commitment 5.3 The DOE will review and respond to each Team Report indicating any resulting actions that will be taken.

Deliverable: DOE Response
Due Date: December 1995
Responsibility: Appropriate DOE management

Contractor Evaluation A Team Leader will be selected to conduct the evaluation. The Team Leader is responsible for developing the Training Assistance Team program and assembling the specific team members necessary to conduct the evaluation.

The Training Assistance Team program may include reviewing the following items:

- o Training plans and resource allocations;*
- o Criteria for evaluation for performance;*
- o Qualification criteria;*
- o Training program content and structure;*
- o Training, qualification and experience records;*
- o Evaluation of personnel performing activities;*
- o Training and qualification activities;*
- o Comparison of staffing, training, and qualification to similar sites; and*
- o The contractor program will be reviewed to the applicable requirements including DOE Order 5480.20 and their approved or proposed Training Implementation Matrix (TIM) and other appropriate standards.*

Commitment 5.4 The Training Assistance Team will develop a Program to implement the evaluation of key contractor personnel involved with safety related activities at defense nuclear facilities at Y-12 Plant.

Deliverable: Training Assistance Team program
Due Date: September 1995
Responsibility: Team Leader

Commitment 5.5 The Training Assistance Team will conduct an assessment using the criteria and performance objectives established in the Training Assistance Team program. The results of the evaluation will be summarized by the Team in a report outlining both observations and recommendations.

Deliverable: Team Report
Due Date: May 1996
Responsibility: Team Leader

Commitment 5.6 The MMES will review and respond to the Team Report indicating any resulting actions that will be taken.

Deliverable: Contractor Response
Due Date: July 1996
Responsibility: MMES



Department of Energy

Washington, DC 20585

July 18, 1995

The Honorable John T. Conway
Chairman
Defense Nuclear Facilities Safety Board
625 Indiana Avenue
Suite 700
Washington, D.C. 20004

Dear Mr. Conway:

Enclosed for your information is the Department of Energy's Office of Defense Programs 90-2 Quarterly Status Report for January 1, 1995 - March 31, 1995. This report provides: (1) a summary of Defense Programs Headquarters programmatic activities for responding to the Defense Nuclear Facilities Safety Board Recommendation 90-2 and (2) individual 90-2 Quarterly Status Reports for Defense Programs Headquarters and the following sites:

- o Albuquerque
- o Nevada
- o Oakland
- o Oak Ridge
- o Savannah River

If you have any questions concerning this report, please contact Maurice Pitt at (301) 903-6582.

Sincerely,

A handwritten signature in cursive script that reads "Donald F. Knuth".

Donald F. Knuth
Deputy Assistant Secretary
for Facility Transition and
Technical Support
Defense Programs

Enclosure



Printed on recycled paper

DEPARTMENT OF ENERGY
DEFENSE PROGRAMS (DP)

90-2 QUARTERLY STATUS REPORT
JANUARY 1, 1995 - MARCH 31, 1995

DP 90-2 QUARTERLY STATUS REPORT
January 1, 1995 - March 31, 1995

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SECTION A
DP-HQ PROGRAMMATIC ACTIVITIES

A. DP PROGRAMMATIC ACTIVITIES

1. Department of Energy (DOE) Implementation Plan for Recommendation 90-2

Additional DP guidance for the 90-2 Program includes revised compliance assessment processes identified in four documents that have been issued for the conduct of the 90-2 Program at DP sites and facilities. The documents are memoranda from DP-30, to the managers of the five DP Operations Offices and are as follows:

- a. "Supplemental Directions on the Conduct of Phase 2 Order Compliance Self-Assessments," memo of 02/07/95. The memo states that Phase 2 self-assessments of implementing documents (e.g., procedures) need not be performed on a comprehensive basis (i.e., one hundred percent).
- b. "Adherence to 90-2 Implementation Plan Schedules by Defense Programs Facilities," memo of 02/08/95. The purpose of the memo is to ensure that the dates for the milestones attached to the 90-2 Implementation Plan (Rev. 5) are being met.
- c. "Supplemental Program Guidance Regarding the Conduct of Order Compliance Self-Assessments at Defense Programs Facilities," memo of 02/21/95. The memo provides guidance for the self-assessment of only those Order requirements that have a safety impact.
- d. "Supplemental Program Guidance Regarding the Conduct of Order Compliance Self-Assessments at Defense Programs Facilities," memo of 3/2/95. This document provides additional clarification and information for the review and approval of Order Compliance Self-Assessments.

2. 10 CFR Rules

Rules issued in the Code of Federal Regulations for Energy (10 CFR) are being considered by DP sites for possible inclusion in their Standards/Requirements Identification Documents (S/RIDs), as appropriate. The following Rules have been issued as of March 31, 1995:

RULE NUMBER	RULE NAME	STATUS
10 CFR 830	Quality Assurance	ISSUED
10 CFR 835	Occupational Radiation Protection	ISSUED

3. Standards/Requirements Program Instruction Workshop - November 1994

Questions and answers from the St. Louis Standards/Requirements Program Instructions workshop, November 15-16, 1994 have been distributed to participants by DP-311, memo 02/02/95. Plans are

Questions and answers from the St. Louis Standards/Requirements Program Instructions workshop, November 15-16, 1994 have been distributed to participants by DP-311, memo 02/02/95. Plans are being made for a followup workshop for early 1995 (see also item 1)

4. Standards and Requirements Information Database (STRIDE)

Work continued to update the STRIDE database with revised and new DOE Orders and other source documents. Other essential information such as the Functions, Assignments, and Responsibilities (FAR) Manual and the STRIDE related Software update information for Version 1.1 will continue to be available on the DP-HQ Production Server.

STRIDE Version 2.0 information sessions were held in Knoxville, TN February 2 and 3, 1995. Site representatives discussed each of the modules within Version 2.0.

5. Meetings with DNFSB

The DNFSB was briefed March 1, 1995 by DP-HQ on the supplemental guidance memo of 02/21/95 regarding exemptions from Order requirements that have no or marginal safety benefit.

6. Recommendation 90-2 Conference Calls

Bi-monthly conference calls concerning Recommendation 90-2 activities were held in January, February, and March with DP and EM-HQ, DOE Field Offices, and contractors.

7. DOE Orders Of Interest To The Board

Sixty one DOE Orders are identified as "Of Interest to the Board" (same as last report) and are listed in Table A.1. It includes the 51 Orders previously identified as Of Interest to the Board, DOE Order 5480.31, and 9 weapon sensitive Orders.

8. Other Matters

DP-HQ Validation of Order Compliance Self-Assessment at DP Sites

DP staff validated the Phase 1 Order compliance efforts at the DOE Savannah River (SR) Field Office and verified the DOE-SR validation of contractor Phase 1 Order compliance. Primary evaluation areas were operations, nuclear safety, configuration management, and maintenance.

TABLE A.1
DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	COMMENT
1. 1300.2A	05/19/92	Department of Energy Technical Standards Program	
2. 1360.2B	05/18/92	Unclassified Computer Security Program	
3. 1540.2 (Chg 1)	12/19/88	Hazardous Materials Packaging for Transport - Administrative Procedures	
4. 1540.3A	07/08/92	Base Technology for Radioactive Material Transportation Packaging Systems	
5. 4330.4B	02/10/94	Maintenance Management Program	
6. 4700.1 (Chg 1)	06/02/92	Project Management System	
7. 5000.3B (Chg 1)	07/02/93	Occurrence Reporting and Processing of Operations Information	
8. 5400.1 (Chg 1)	06/29/90	General Environmental Protection Program	
9. 5400.2A (Chg 1)	01/07/93	Environmental Compliance Issue Coordination	
10. 5400.3	02/22/89	Hazardous and Radioactive Mixed Waste Program	5400.3 cancelled by DOE N1321.139 (03/25/94)
11. 5400.4	10/06/89	Comprehensive Environmental Response, Compensation, and Liability Act Requirements	
12. 5400.5 (Chg 2)	01/07/93	Radiation Protection of the Public and the Environment	
13. 5440.1E	11/10/92	National Environmental Policy Act Compliance Program	
14. 5480.1B (Chg 5)	05/10/93	Environment, Safety, and Health Program For Department of Energy Operations	
15. 5480.3	07/09/85	Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances and Hazardous Wastes	
16. 5480.4 (Chg 4)	01/07/93	Environmental Protection, Safety, and Health Protection Standards	
17. 5480.5	09/23/86	Safety of Nuclear Facilities	5480.5 cancelled by DOE N1321.140 (05/02/94)
18. 5480.6	09/23/86	Safety of Department of Energy-Owned Nuclear Reactors	

TABLE A.1
DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	COMMENT
19. 5480.7A	02/17/93	Fire Protection	
20. 5480.8A (Chg 1)	10/19/92	Contractor Occupational Medical Program	
21. 5480.9A	04/13/94	Construction Project Safety and Health Management	
22. 5480.10	06/26/85	Contractor Industrial Hygiene Program	
23. 5480.11 (Chg 3)	06/17/92	Radiation Protection for Occupational Workers	
24. 5480.15	12/14/87	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry	
25. 5480.17	10/05/88	Site Safety Representatives	
26. 5480.18B	08/31/94	Nuclear Facility Training Accreditation Program	
27. 5480.19 (Chg 1)	05/18/92	Conduct of Operations Requirements for DOE Facilities	
28. 5480.20A	11/15/94	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities	
29. 5480.21	12/24/91	Unreviewed Safety Questions	
30. 5480.22 (Chg 1)	09/15/92	Technical Safety Requirements	
31. 5480.23 (Chg 1)	03/10/94	Nuclear Safety Analysis Reports	
32. 5480.24	08/12/92	Nuclear Criticality Safety	
33. 5480.25	11/03/92	Safety of Accelerator Facilities	
34. 5480.26	01/15/93	Trending and Analysis of Operations Information Using Performance Indicators	
35. 5480.28	01/15/93	Natural Phenomena Hazards Mitigation	
36. 5480.29	01/15/93	Employee Concerns Management System	
37. 5480.30	01/19/93	Nuclear Reactor Safety Design Criteria	
38. 5480.31	09/15/93	Startup and Restart of Nuclear Facilities	
39. 5481.1B (Chg 1)	05/19/87	Safety Analysis and Review System	

TABLE A.1
DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	COMMENT
40. 5482.1B (Chg 1)	11/18/91	Environment, Safety, and Health Appraisal Program	
41. 5483.1A	06/22/83	Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities	
42. 5484.1 (Chg 7)	10/17/90	Environmental Protection, Safety, and Health Protection Information Reporting Requirements	
43. 5500.1B (Chg 1)	02/27/92	Emergency Management System	
44. 5500.2B (Chg 1)	02/27/92	Emergency Categories, Classes, and Notification and Reporting Requirements	
45. 5500.3A (Chg 1)	02/27/92	Planning and Preparedness for Operational Emergencies	
46. 5500.4A	06/08/92	Public Affairs Policy and Planning Requirements for Emergencies	
47. 5500.7B	10/23/91	Emergency Operating Records Protection Program	
48. 5500.10 (Chg 1)	02/27/92	Emergency Readiness Assurance Program	
49. 5530.1A	09/20/91	Accident Response Group	Weapon Sensitive Order
50. 5530.2	09/20/91	Nuclear Emergency Search Team	Weapon Sensitive Order
51. 5530.3 (Chg 1)	04/10/92	Radiological Assistance Program	Weapon Sensitive Order
52. 5530.4	09/20/91	Aerial Measuring System	Weapon Sensitive Order
53. 5600.1	06/27/79	Management of Department of Energy Weapon Program and Weapon Complex	Weapon Sensitive Order
54. 5610.10	10/10/90	Nuclear Explosive and Weapon Safety Program	Weapon Sensitive Order
55. 5610.11	10/10/90	Nuclear Explosive Safety	Weapon Sensitive Order
56. 5610.12	07/26/94	Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Sensitive Program	Weapon Sensitive Order
57. 5610.13	10/10/90	Joint Department of Energy/Department of Defense Nuclear Weapon System Safety, Security, and Control Activities	Weapon Sensitive Order

TABLE A.1

DOE ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	COMMENT
58. 5632.11	09/15/92	Physical Protection of Unclassified Irradiated Reactor Fuel in Transit	5632.11 cancelled by 5632.1C (07/15/94)
59. 5700.6C	08/21/91	Quality Assurance	
60. 5820.2A	09/26/88	Radioactive Waste Management	
61. 6430.1A	04/06/89	General Design Criteria	

SECTION B
90-2 QUARTERLY STATUS REPORTS FOR INDIVIDUAL DP SITES

B.1 DP HEADQUARTERS

90-2 QUARTERLY STATUS REPORT

January 1, 1995 - March 31, 1995

DP HEADQUARTERS

1. **Site:** DOE Headquarters
2. **Facility:** Defense Programs (DP)
3. **Report Type:** 90-2 Quarterly Status Report
4. **Report Period:** January 1, 1995 - March 31, 1995

5. **Status:**

5.1 **Order Compliance Assessment**

The updated DP-HQ Order compliance assessment status for the 61 Orders Of Interest to the Defense Nuclear Facilities Safety Board (DNFSB) is provided in Table B.1.

Phase 1 assessments of DOE Order 5480.31 and 7 weapon sensitive Orders (5530.1A, 5530.2, 5600.1, 5610.10, 5610.11, 5610.12, and 5610.13) have been completed. Corrective actions have been identified and will be included in a Compliance Schedule Approval Request (CSA). Assessments of DOE Orders 5530.3 and 5530.4 are in progress.

5.2 **DP-HQ Assessment Procedure**

The final draft of the DP-HQ assessment procedure has been completed and is being reviewed within DP-HQ.

5.3 **Requests for DOE Approval (RFAs)**

The status of corrective actions in CSA-3, CSA-4 and CSA-5 has been updated, based on the completion of Defense Programs Operations Manual (DPOM) procedures AD-820, AD-825, and EH-710.

5.4 **Functions, Assignments, and Responsibilities Manual**

By memorandum of December 2, 1994, the Secretary requested Secretarial Officers and Managers of Field Elements to acknowledge compliance with their responsibilities as delineated in the Manual of Functions, Assignments, and Responsibilities for Nuclear Safety (FAR). DP-HQ has completed the assessment. Forty five Phase 1 noncompliances were identified, however, 39 of the necessary corrective actions were already initiated as part of the 1993/94 DP-HQ Order Compliance Self- Assessment (OCSA) and are included in CSA-5. Corrective actions for the six remaining noncompliances will be included in a CSA by the end of May, 1995.

5.5 Development of S/RIDs

For DP-HQ, the Standards/Requirements Identification Document (S/RID) is considered to be the STRIDE Source Requirements Report for those requirements in DOE Orders listed in Table B.1 that were determined to be applicable to DP-HQ. Requirements in new and revised Orders that are Of Interest to the Board, and are applicable to DP-HQ, will be entered into STRIDE and thus become part of the DP-HQ S/RID. Other source documents that contain requirements applicable to DP-HQ can also be entered into STRIDE. DP-HQ uses STRIDE as the database for its assessment results.

5.6 Issues and/or Concerns

The timely development of DPOMs and other corrective actions identified in the CSAs continues to be of concern.

5.7 Milestones and Schedules

Tables B.1 and B.2 provide schedules and status for the Phase 1 assessment of individual DOE Orders and for RFA preparation.

TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT COMPLETION DATE	COMMENT
1. 1300.2A	05/19/92	Department of Energy Technical Standards Program	Yes	Yes	April 94	2 noncompliances in CSA-5
2. 1360.2B	05/18/92	Unclassified Computer Security Program	Yes	Yes	April 94	
3. 1540.2 (Chg 1)	12/19/88	Hazardous Materials Packaging for Transport - Administrative Procedures	Yes	Yes	April 94	EX-3 for entire Order
4. 1540.3A	07/08/92	Base Technology for Radioactive Material Transportation Packaging Systems	Yes	Yes	April 94	EX-4 for entire Order
5. 4330.4B	02/10/94	Maintenance Management Program	Yes	No	May 95	4330.4A assessed in 1993/1994; 4330.4B assessment in progress
6. 4700.1 (Chg 1)	06/02/92	Project Management System	Yes	Yes	April 94	19 noncompliances in CSA-5
7. 5000.3B (Chg 1)	07/02/93	Occurrence Reporting and Processing of Operations Information	Yes	Yes	April 94	5000.3B (01/19/93) assessed in 1993/1994, no substantive change in Chg 1
8. 5400.1 (Chg 1)	06/29/90	General Environmental Protection Program	Yes	Yes	April 94	
9. 5400.2A (Chg 1)	01/07/93	Environmental Compliance Issue Coordination	Yes	Yes	April 94	
10. 5400.3 (cancelled)	02/22/89	Hazardous and Radioactive Mixed Waste Program	Yes	Yes	April 94	5400.3 cancelled by DOE N1321.139 (03/25/94)
11. 5400.4	10/06/89	Comprehensive Environmental Response, Compensation, and Liability Act Requirements	Yes	Yes	April 94	5 noncompliances in CSA-5
12. 5400.5 (Chg 2)	01/07/93	Radiation Protection of the Public and the Environment	Yes	Yes	April 94	

**TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD**

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT COMPLETION DATE	COMMENT
24. 5480.15	12/14/87	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry	Yes	Yes	April 94	
25. 5480.17	10/05/88	Site Safety Representatives	No	Yes	April 94	
26. 5480.18B	08/31/94	Nuclear Facility Training Accreditation Program	Yes	No	May 95	5480.18A assessed in 1993/ 1994; corrective actions for 3 noncompliances in CSA-5 completed (DPOM-AD-820); 5480.18B assessment in progress
27. 5480.19 (Chg 1)	05/18/92	Conduct of Operations Requirements for DOE Facilities	Yes	Yes	April 94	
28. 5480.20A	11/15/94	Personnel Selection, Qualification and Training Requirements for DOE Nuclear Facilities	Yes	Yes	May 1995	5480.20 assessed in 1993/ 1994; corrective actions for 2 noncompliances in CSA-5 completed (DPOM-AD-825); 5480.20A assessment in progress
29. 5480.21	12/24/91	Unreviewed Safety Questions	Yes	Yes	April 94	
30. 5480.22 (Chg 1)	09/15/92	Technical Safety Requirements	Yes	Yes	April 94	1 noncompliance in CSA-5; no substantive changes to Chg 1
31. 5480.23 (Chg 1)	03/10/94	Nuclear Safety Analysis Reports	Yes	Yes	April 94	5480.23 assessed in 1993/ 1994; no substantive changes in Chg 1
32. 5480.24	08/12/92	Nuclear Criticality Safety	Yes	Yes	April 94	
33. 5480.25	11/03/92	Safety of Accelerator Facilities	Yes	Yes	April 94	3 noncompliances in CSA-5
34. 5480.26	01/15/93	Trending and Analysis of Operations Information Using Performance Indicators	Yes	Yes	April 94	4 noncompliances in CSA-5

**TABLE B.1
DP-HQ PHASE 1 ORDER COMPLIANCE ASSESSMENT STATUS
FOR ORDERS OF INTEREST TO THE BOARD**

ORDER (CHANGE)	ORDER (CHANGE) DATE	TITLE	DP-HQ APPLCBL. YES/NO	PHASE 1 ASSMT. COMPL. YES/NO	ASSESSMENT COMPLETION DATE	COMMENT
47. 5500.7B	10/23/91	Emergency Operating Records Protection Program	Yes	Yes	April 94	
48. 5500.10 (Chg 1)	02/27/92	Emergency Readiness Assurance Program	Yes	Yes	April 94	
49. 5530.1A	09/20/91	Accident Response Group	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress
50. 5530.2	09/20/91	Nuclear Emergency Search Team	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress
51. 5530.3 (Chg 1)	4/10/92	Radiological Assistance Program	Yes	No	May 95	Weapon Sensitive Order assessment in progress
52. 5530.4	09/20/91	Aerial Measuring System	Yes	No	May 95	Weapon Sensitive Order assessment in progress
53. 5600.1	06/27/79	Management of Department of Energy Weapon Program and Weapon Complex	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress
54. 5610.10	10/10/90	Nuclear Explosive and Weapon Safety Program	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress
55. 5610.11	10/10/90	Nuclear Explosive Safety	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress
56. 5610.12	07/26/94	Packaging and Offsite Transportation of Nuclear Components, and Special Assemblies Associated with the Nuclear Explosive and Weapon Sensitive Program	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress
57. 5610.13	10/10/90	Joint Department of Energy/Department of Defense Nuclear Weapon System Safety, Security, and Control Activities	Yes	Yes	April 95	Weapon Sensitive Order DP-HQ verification in progress

TABLE B.2
DP-HQ REQUESTS FOR DOE APPROVAL (RFA) STATUS

RFA NUMBER	LAST MILESTONE COMPLETED	NEXT MILESTONE TO BE COMPLETED	COMMENT
CSAs			
1. DPOF-DOE-5480.6-CSA-1	DP-1 Approval 01/10/92; DP Closure 08/04/94	none	Corrective Actions complete; development DPOM-EI-600 replaced by EX-5; development DPOM-FS-311 and EH-740 transferred to CSA
2. DPOF-DOE-5000.3A-CSA-2	DP-1 Approval 01/10/92; DP Closure 08/04/94	none	Corrective Actions complete; preparation delegation of authority memo transferred CSA-5 as development of DPOM-EH-740
3. DPOF-DOE-5610.11-CSA-3	DP-1 Approval 01/10/92	DP Closure 6/95 (revised)	2 Corrective Actions remain to be complete
4. DPOF-DOE-5700.6C-CSA-4	DP-1 Approval 01/10/92	DP Closure 6/95 (revised)	2 Corrective Actions remain to be complete
5. DPOF-DOE-5400.3-CSA-5	DP-1 Approval 05/21/94	DP Closure 9/95 (revised)	CSA-5 includes 16 Corrective Actions for and revised procedures in DPOM; development DPOMs in progress
EXs			
1. DPOF-DOE-5480.4-EX-1	DP-1 Approval 06/10/94; DP-1 Request for EH-1 Approval 06/01/94	EH-1 Approval	EX-1 for 3 requirements in DOE 5480.4 and requirement in 5480.10 related to exempt requests from field offices. The EX is currently being discussed with EH staff.
2. EX-2 was not initiated	N.A.	N.A.	N.A.
3. DPOF-DOE-1540.2-EX-3	DP-1 Approval 06/10/94; DP-1 Request for EH-1 Approval 06/11/94	EH-1 Approval	EX-3 for DOE 1540.2 and DOE 5480.3. The currently being discussed with EH staff.
4. DPOF-DOE-1540.3A-EX-4	DP-1 Approval 06/10/94; DP-1 Request for EM-1 Approval 06/01/94	EM-1 Approval	EX-4 for requirements in DOE 1540.3A. The is currently being discussed with EH staff.
5. DPOF-DOE-5480.5-EX-5	DP-1 Approval 06/10/94; DP-1 Request for EH-1 Approval 06/01/94	EH-1 Approval	EX-5 for requirements in DOE 5480.5 and 5480.6. Partial Closure (08/08/94) due to cancel of DOE 5480.5. The EX is currently being discussed with EH staff.

B.2 ALBUQUERQUE OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

January 1, 1995 - March 31, 1995

**Department of Energy
Albuquerque Operations Office**

90-2 DNFSB Quarterly Status Report

January 1, 1995 - March 31, 1995

Prepared By:

**Albuquerque Operations Office
Performance Assessment Division**

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1.0 Activity Summaries for Management & Operating (M&O) Sites

The M&O contractors at their respective sites have completed or are currently working to the following Order module releases for their site-wide and facility-specific self-assessments:

<u>Site</u>	<u>Working to Order Module</u>
Los Alamos National Laboratory	
Institution (Site-wide)	October 1993
Facilities	October 1993
Pantex Plant	
Site-wide	February 1995
Facilities	February 1995
Sandia National Laboratories	
Site-wide	December 1991
Facilities	August 1993

1.1 University of California - Los Alamos National Laboratory (LANL)

Order Assessment Status

- OCSA Phase 1
 - Site-wide - completed June 1994
 - Plutonium Facility, TA-55 - completed June 1994
 - Chemical Metallurgical Research Facility (CMR) - completed January 1995
 - Weapons Engineering Tritium Facility (WETF) - began January 1995, 95% complete

- OCSA Phase 2

LANL has been conducting line management self-assessments at TA-55 and intends to extend these assessments to CMR and WETF. In addition, independent assessments have been performed to provide a broad level of assessment coverage. Both line and independent assessments utilize LANL performance objectives and criteria to measure performance that are linked to DOE Order statements.

These assessments are being performed to ensure appropriate coverage during the interim development and piloting of their Laboratory Integrated Standards-Based Management System (LISBMS). LANL is currently preparing a memorandum that documents their plan to complete OCSA Phase II commitments through these and other activities.

Compliance Assessment Database Status

LANL assessment data is stored in an internal database which is RSAD compatible. LANL does not have any plans to convert to STRIDE at this time, but is awaiting AL concurrence and evaluation of this proposed action.

Standards/Requirements Identification Documents (S/RIDs)

A program plan for the LISBMS is in preparation. This system provides a mechanism for identifying and establishing consensus standards for all aspects of laboratory operation and management. These standards will include performance objectives, criteria, and metrics and will facilitate LANL's transition to a standards-based management system.

LANL intends to pilot LISBMS by developing consensus standards to the 10 CFR 835 requirement and comparing them with their existing rule implementation plan. This pilot will also fulfill LANL's commitment to pilot a HQ-sponsored process for the determination of "necessary and sufficient" standards.

Requests For Approval (RFAs) (see Section 4.0)

During this quarter at LANL:

- **Sitewide** - 12 Compliance Schedule Approvals (CSAs) approved
 - 2 CSAs returned to LANL for revision
 - 5 CSAs were submitted to DOE this quarter
 - 1 CSA previously submitted is in AL review
- **TA-55** - 5 CSAs approved
 - 2 CSAs were returned to LANL for revision
 - 1 CSA is currently at AL for review
- **CMR** - 2 CSAs approved
 - 1 CSA returned to LANL for revision

The Phase I RFA/CSA development process for sitewide and TA-55 is nearing completion. Five remaining Orders still require corrective action plan development. Implementation of corrective action is well under way and some corrective actions are almost complete.

Issues/Concerns

Several HQ-sponsored initiatives (ES&H pilot, Necessary and Sufficient pilot, Business Management pilot) may delay scheduled completion dates.

Schedule Changes

LANL had originally planned to pilot LISBMS at WETF, but reconsidered because of the limited diversity of operations at the facility. This change in direction caused a delay of the OCSA Phase 1 effort at WETF. The delay, coupled with staffing shortages, resulted in a schedule variance from the March 31, 1995 commitment date for WETF Phase I OCSA completion (reflected in Revision 5 of the Recommendation 90-2 Implementation Plan). LANL has identified a revised completion date of May 31, 1995 based on a resource loaded schedule.

An AL Readiness Assessment was conducted in early April 1995 and included a review of LANL's progress to the revised OCSA Phase 1 schedule date. The AL assessment concluded that the effort is on schedule and remaining activities are being proactively monitored.

LANL will not complete S/RIDs for TA-55, CMR, and WETF as scheduled in the Recommendation 90-2 Implementation Plan. The results of the LISBMS initiative will result in equivalent S/RIDs for these facilities. The expected completion date for the initiative will be provided in the quarterly report.

1.2 Mason & Hanger, Silas Mason Co., Inc. - Pantex Plant (M&H)

Order Assessment Status

- OCSA Phase 1 (facility specific administrative controls)
 - Weapons Assembly/Disassembly Bays - completed March 31, 1995
 - Weapons Assembly/Disassembly Cells - completed March 31, 1995

(38 applicable DOE Orders of Interest to the Board)

- Sitewide - update 84% complete, expected completion May 30, 1995.

- OCSA Phase II (smart sample)
 - Weapons Assembly/Disassembly Bays - ongoing, expected completion May 31, 1995
 - Weapons Assembly/Disassembly Cells - ongoing, expected completion May 31, 1995

M&H initiated smart sampling as a compensatory measure, pending development and implementation of a comprehensive OCSA Phase II process. A schedule for this process is expected to be complete by May 31, 1995.

Compliance Assessment Database Status

M&H's data has been mapped from RSAD into STRIDE Version 1.1. Ongoing assessment data is being entered and stored in the STRIDE Version 1.1.

Standards/Requirement Identification Documents (S/RIDs)

- Weapons Assembly/Disassembly Bays and Cells - On schedule, expected completion December 31, 1995
- Plant standards for the 90-2 program are being revised per the September 1994 DOE guidance. These plant standards will include rules and state and local regulations and will facilitate the transition from OCSA to S/RIDs.

Requests For Approval (RFAs) (see Section 4.0)

During this quarter:

2 CSAs approved
2 CSAs were returned to M&H for revision
1 Exemption Request is at AL for review

RFAs identified during the site-wide OCSA Phase 1 update will be submitted to DOE for approval by June 30, 1995.

Issues/Concerns

None

Schedule Changes

None

1.3 Martin Marietta - Sandia National Laboratories (SNL)

• Order Assessment Status

SNL assessments consist of a combined Phase 1/Phase 2 OCSA approach. Much of the facility specific assessment data includes assessment of sitewide requirements and corporate implementing policies and programs. This assessment data will be used to update their sitewide assessment data. In addition, a reassessment of site-wide requirements will be initiated upon the completion of mapping/conversion to the STRIDE database. This reassessment will be based on the February 1995 Orders release.

Annular Core Research Reactor (ACRR) - pilot completed April 1994

Sandia Pulsed Reactor (SPR) - began August 10, 1994, expected completion May 31, 1995

Compliance Assessment Database Status

The RSAD assessment data is in the process of being mapped/converted to STRIDE (see Issues/Concerns section for details).

Standards/Requirements Identification Documents (S/RIDS)

SNL submitted a combined facility pilot S/RID for the ACRR and SPR facilities on March 31, 1995. The ACRR and SPR are driven by the same requirements and a review was performed to ensure accuracy with respect to both ACRR and SPR.

The pilot S/RID process was initiated in 1993 and was conducted to the guidance available at the time. As a result, the S/RID addresses DOE Order requirements but not laws, regulations, or consensus standards. This submittal completes SNL's 1993 commitment to pilot an S/RID process. The lessons learned and more recent guidance will be used to revise this process and an updated S/RID will be developed.

Requests For Approval (RFAs) (see Section 4.0)

- Sitewide - 13 CSAs approved
- 27 CSAs returned to SNL for revision
- 7 CSAs completed

ACRR & SPR - CSAs will be developed upon completion of the SPR assessment.

SNL and KAO have signed an agreement dated December 19, 1994, stating that submittals of revised CSAs related to Tiger Team Action Plans (TTAP) should be delayed until a response has been received regarding the TTAP Review Team recommendations. These recommendations were presented to SNL senior management on February 24, 1995. The decision to rewrite the CSAs to incorporate the Tiger Team Action Plans and to make the CSAs stand-alone documents will be made by the next quarterly report.

Issues/Concerns

The combined ACRR/SPR pilot S/RID submitted March 31, 1995, does not fully meet the more recent S/RID guidance. An updated S/RID to better meet this guidance is being planned.

During the conversion process from RSAD to STRIDE, SNL incurred irreparable database problems. DP-31 provided assistance and instruction and SNL will attempt to perform the conversion again.

Schedule Changes

Due to delays in the conversion of the RSAD database to the STRIDE database, SNL was granted a two-month extension on previous schedules.

1.4 Allied Signal Aerospace Co., Kansas City Plant (KCP)

Since fiscal year 1989, the stockpile support budget at KCP has been reduced by 42 percent and the plant population has been decreased by 52 percent. These budget reductions, combined with mission changes, National and Secretarial requirement reduction initiatives, and the continued low risk of KCP operations, allowed the DOE and KCP to explore ways to reduce costs while at the same time maintain mission requirements and acceptable ES&H performance levels.

KCP has reviewed DOE Orders against value-based criteria and identified those that could be eliminated as having no added value, or could be replaced by external/commercial standards which would maintain a commensurate level of protection at lower cost.

In November 1994, KCP presented their reviews to DOE and agreed to team with DOE in a pilot program to verify cost savings and maintenance of acceptable ES&H performance levels. The pilot program contains eleven ES&H directives to be temporarily replaced for one year in whole or in part by external/commercial standards: DOE Orders 5000.3B, 5400.1, 5440.1E, N 5480.6, 5480.1B, 5480.4, 5480.19, AL SD 5480.31, 5484.1, 5500.3A, and 5700.6C. DOE will monitor the implementation of the standards and associated training by a combination of day-to-day Kansas City Area Office oversight and quarterly program reviews. Based on the pilot program results, the effort may be extended to the use of external standards to other DOE requirement areas.

1.5 Martin Marietta Specialty Components (MMSC) - Pinellas Plant

The last AL 90-2 Quarterly Status Report reported that the Pinellas Plant was transferred to the Office of Environmental Management as of October 1, 1994. This transfer has been delayed until October 1, 1995.

The plant has been sold, however DOE is leasing back parts of the plant to achieve safe shutdown status. During this quarter, Pinellas requested relief from 90-2 Quarterly Status reporting. DP and AL provided guidance to Pinellas recommending they assume a graded approach in meeting the Recommendation 90-2 reporting requirements.

Requests for Approvals (RFAs)

MMSC has efficiently and appropriately requested exemptions to better utilize their limited resources.

During this quarter:

- 2 exemption requests were reviewed by AL and submitted to HQ for final review and approval
- 5 exemption requests are currently at AL for review

2.0 Activity Summaries for Albuquerque Operations Office and Area Offices

The DOE Operations and area offices have completed or are currently working toward the following Order module releases for their site-wide self assessments:

<u>AL Office</u>	<u>Working to Order Module</u>
Albuquerque Operations Office	June 1993
Amarillo Area Office	April 1993
Kirtland Area Office	June 1993
Los Alamos Area Office	June 1993

2.1 Albuquerque Operations Office (AL)

Order Assessment Status

AL has initiated Order review activities in conjunction with KAO to reassess applicable Order requirements and clearly delineate roles and responsibilities. The reassessment will focus on those Orders not affected at this time by the Order reduction process. The reassessment will be expanded upon issuance of the new Orders and rules.

Compliance Assessment Database Status

AL is currently using the STRIDE Version 1.1 and is assisting AAO, M&H, KAO, SNL, and LAAO with the STRIDE database in areas such as data conversion, data input, and user training.

Requests for Approvals (RFAs)

No active RFAs.

Standards/Requirement Identification Documents (S/RIDs)

AL is working with area offices and contractors to monitor and mentor pilot programs and development of S/RID processes.

There are no issues/concerns, or major schedule changes this quarter.

2.2 Amarillo Area Office (AAO)

Order Assessment Status

Procedures addressing the requirements for 16 of the DNFSB Orders of Interest have been finalized. Procedures to address the remaining 17 Orders are in development or review. The procedure upgrade activity is scheduled for completion June 16, 1995.

The development of Performance objective criteria, planned for use in Phase 2 assessments, have been delayed because personnel resources are currently focusing on the procedure upgrade effort. Initiation of Phase 2 OCSA will be delayed two months and is now scheduled for June 1995, with completion scheduled for the second quarter of CY 1996.

Compliance Assessment Database Status

AAO is in the process of loading STRIDE on the network server and intends to begin assessment data entry in the next few weeks. Data entry should be complete within 2 months subsequent to completion of the procedure upgrade activities.

Requests for Approval (RFAs) (See Section 4.0)

During this quarter:

- 1 CSA was submitted and AL is reviewing

There are no AAO S/RID activities, issues/concerns, or major schedule changes this quarter.

2.3 Kirtland Area Office (KAO)

Order Assessment Status

KAO has initiated Order review activities in conjunction with AL to reassess applicable Order requirements and clearly delineate roles and responsibilities. The reassessment will focus on those Orders not affected at this time by the Order reduction process. The reassessment will be expanded upon issuance of the new Orders and rules.

Compliance Assessment Database Status

KAO has installed STRIDE and is receiving technical assistance from AL for conversion of data and training on the STRIDE database. All completed assessment information is stored in the database.

Issues/Concerns

The KAO Compliance Coordinator is tasked to perform several key functions besides Order Compliance. The Kirtland Area Office may experience delays due to conflicts in commitments and limited personnel resources.

There are no active KAO RFAs, S/RID activities, or major Schedule Changes this quarter.

2.4 Kansas City Area Office (KCAO)

Kansas City has initiated a pilot to implement industry standards (see description given in Section 1.4). Further results of this pilot will be provided during the next quarterly report.

2.5 Los Alamos Area Office (LAAO)

There is no new information since the last 90-2 Quarterly Report.

Compliance Assessment Database Status

LAAO's assessment data is in process of being converted from the RSAD to STRIDE. AL is assisting LAAO in the conversion and will provide training to LAAO personnel.

There are no active LAAO RFAs, S/RID activities, or major Schedule Changes this quarter.

2.6 Pinellas Area Office (PAO)

PAO is currently working on a graded approach (see Section 1.5) to ensure appropriate coverage is maintained until safe shutdown status is accomplished.

3.0 Program Activities Status

AL is studying the DP supplemental program guidance dated February 21, 1995 to determine the appropriate approach for implementation. AL is currently reviewing OCSA and S/RID activities to effectively integrate these programs with other oversight pilots and initiatives. AL will continue to work with area office and contractor staff to review site programs and analyze various commitments and needs prior to establishing minimum requirements. This will ensure appropriate integration of ongoing activities and flexibility of various approaches.

AL and AAO met with M&H on March 2, 1995 to view a Nevada Operations presentation on their proposed S/RIDs process and to discuss M&H S/RID planning.

AL and KAO participated with DP-31 in a March 13-14, 1995 meeting with SNL to discuss the ACRR and SPR S/RIDs and SNL difficulties with the STRIDE conversion.

The Process Advisory Panel, established by LANL to provide technical consultation on OCSA, met on February 8-9, 1995 and on March 21-22, 1995 to review LANL progress. The focus of both meetings was the review of ongoing OCSA Phase 1 activities and the actions associated with the development of the LISBMS. PAP participants included LAAO, AL, and DP personnel.

AL reviewed the WETF OCSA Phase 1 effort during an AL Readiness Assessment of the WETF addition conducted April 3-7, 1995.

4.0 Requests for Approval (RFAs) Status

Site	Total	At AL for Review	Returned for Revision	Approved/Complete
AAO CSAs	3	1	0	2
ASKC CSAs	11	0	1	10
LANL CSAs	39	7	5	26/1
MHPP CSAs	4	0	1	3
EXs	1	1	0	0
PINP CSAs	9	0	2	7
EXs	10	5	2	3
SNL CSAs	40	0	27	13
Total CSAs	117	14	38	65

Open Requests For Approval and their current status are listed below: "Open" refers to CSAs that are in the development or review process or those with corrective actions that have not been completed.

<u>RFA Number</u>	<u>Title</u>	<u>Status</u>
AMAO-DOE-5500.2B-CSA-11	Emergency Operations Center Upgrade	Approved 3/29/94
AMAO-DOE-5500.1B-CSA-30	EOC Equipment	Approved 8/9/94
AMAO-DOE-0000-CSA-32	Procedure Upgrade	At AL for review
ASKC-DOE-5400.1-CSA-1	Meteorological Data to Support Monitoring	Approved 3/1/94
ASKC-DOE-5500.3A-CSA-2A	JTA and Performance Based Training (PBT)	Approved 6/8/94
ASKC-DOE-5480.7-CSA-3	Life Safety Code	Rev requested 1/20/94
ASKC-DOE-5480.8-CSA-5	Medical Record Identification	Approved 8/30/93
ASKC-DOE-5480.7-CSA-7A	Prevention of Off-Site Release Due to Fire	Approved 2/10/94
ASKC-DOE-5500.3A-CSA-8	Emergency Plans & Implementing Proc	Approved by AL 10/15/93; however, CSAs 8, 9, 12, & 13 are being consolidated into 8A and we are waiting for receipt of 8A.
ASKC-DOE-5500.3A-CSA-9	Potential Hazards	Approved 10/14/94
ASKC-DOE-5500.3A-CSA-10	Annual Full-Scale Exercises and Drills	Approved 10/14/93

<u>RFA Number</u>	<u>Title</u>	<u>Status</u>
ASKC-DOE-5500.3A-CSA-12	Off-site Plans and Procedures	Approved 1/25/94
ASKC-DOE-5500.3A-CSA-13	Site Emergency Planning	Approved 1/25/94
ASKC-DOE-5500.3A-CSA-14A	Decontamination Procedure	Approved 11/22/94
LANL-DOE-5480.24-CSA-I001	Nuclear Safety	Approved 10/16/94
LANL-DOE-6430.1A-CSA-I003	General Design Criteria	Approved 9/27/94
LANL-DOE-5480.3-CSA-I004	Packaging and Transportation	Approved 10/12/94
LANL-DOE-5480.3-CSA-I005	Packaging and Transportation	Approved 11/8/94
LANL-DOE-5500.3A-CSA-I006	Emergency Management	Approved 10/12/94
LANL-DOE-5500.10-CSA-I007	Emergency Management	Approved 10/12/94
LANL-DOE-5480.8A-CSA-I008	Contractor Occupational Medical Programs	Approved 2/9/95
LANL-DOE-5480.28-CSA-I009	Natural Phenomena Hazard Mitigation	In AL for review
LANL-DOE-5820.2A-CSA-I010	Institutional Waste Management	In AL for review
LANL-DOE-5820.2A-CSA-I011	Institutional Waste Management	In AL for review
LANL-DOE-5480.2A-CSA-I012	Institutional Waste Management	In AL for review
LANL-DOE-5480.2A-CSA-I013	Institutional Waste Management	In AL for review
LANL-DOE-5480.11-CSA-I014	Radiation Protection/Emergency Response	Approved 3/31/95
LANL-DOE-5480.11-CSA-I015	Rad Protection/Nuclear Accident Dosimetry	Approved 3/31/95
LANL-DOE-5480.11-CSA-I016	Radiation Protection/Dosimetry	Approved 3/31/95
LANL-DOE-5480.11-CSA-I017	Radiation Protection/Posting	Approved 3/31/95
LANL-DOE-5480.11-CSA-I018	Radiation Protection/Training	Approved 3/31/95
LANL-DOE-5480.10-CSA-I019	Industrial Hygiene Program	Approved 2/14/95
LANL-DOE-5480.10-CSA-I020	Industrial Hygiene Program	Approved 2/14/95
LANL-DOE-5480.10-CSA-I021	Industrial Hygiene Program	Approved 2/14/95
LANL-DOE-5480.10-CSA-I022	Industrial Hygiene Program	Approved 2/14/95
LANL-DOE-5480.22-CSA-I023	Technical Safety Requirements	Disapproved 2/14/95
LANL-DOE-5480.23-CSA-I024	Nuclear Safety Analysis Reports	Disapproved 2/14/95
LANL-DOE-5484.1-CSA-I031	Occupational Safety and Health	Approved 2/24/95
LANL-DOE-5480.6-CSA-I032	Nuclear Safety	Approved 2/14/95
LANL-DOE-5820.2A-CSA-I044	Institutional Waste Management	In AL for review
LANL-DOE-5480.22-CSA-C001	Tech Safety Requirements/Nuclear Safety	Approved 3/24/95
LANL-DOE-5480.19-CSA-C002	Conduct of Operations for DOE Facilities	Disapproved 3/21/95

<u>RFA Number</u>	<u>Title</u>	<u>Status</u>
LANL-DOE-5480.23-CSA-C003	Nuclear Safety Analysis Reports	Approved 3/24/95
LANL-DOE-5480.24-CSA-V001	Nuclear Safety	Approved 10/26/94
LANL-DOE-5820.2A-CSA-V004	Radioactive Waste Management	Request for closure 4/3/95
LANL-DOE-5700.6C-CSA-V005	Quality Assurance	In AL for review
LANL-DOE-5480.28-CSA-V006	Natural Phenomena Hazards Program	TA-55 Approved 2/14/95
LANL-DOE-5480.11-CSA-V014	Radiation Protection/Emergency Response	Approved 3/31/95
LANL-DOE-5480.11-CSA-V015	Rad Protection/Nuclear Accident Dosimetry	Approved 3/31/95
LANL-DOE-5480.11-CSA-V016	Radiation Protection/Dosimetry	Approved 3/31/95
LANL-DOE-5480.11-CSA-V017	Radiation Protection/Posting	Approved 3/31/95
LANL-DOE-5480.22-CSA-V023	Nuclear Safety Analysis Reports	Disapproved 2/14/95
LANL-DOE-5480.23-CSA-V024	Nuclear Criticality Safety	Disapproved 2/14/95
MHPP-DOE-4700.1-CSA-70A	Configuration Management	In revision at AAO 9/26/94
MHPP-DOE-5480.8A-CSA-71B	Exposure Data	Approved 8/5/94
MHPP-DOE-5480.8A-CSA-75A	Staffing and Facilities	Approved "A" 8/5/94; "B" is pending
MHPP-DOE-5480.8A-CSA-77A	Medical Quality Plan	Approved 7/22/94
Exemptions		
MHPP-DOE-5480.7A-EX-79	Automatic Fire Suppression	In review by OPI 8/9/94
PINP-DOE-5480.7-CSA-003	Life Safety Code	Pending revision
PINP-DOE-5480.10-CSA-004	Contractor Industrial Hygiene Program	Approved 2/22/94
PINP-DOE-5480.10-CSA-005	Training	Approved 2/28/94
PINP-DOE-5500.3A-CSA-007A	Performance-Based Training Emergency	Approved 3/10/94
PINP-DOE-5500.3A-CSA-008	Master Emergency Plans and Safety	Approved 3/1/94
PINP-DOE-5500.10-CSA-010	Off-Site Emergency Response Capability	Approval recommended by PAO 12/8/94
PINP-DOE-5500.3A-CSA-012	Full Participation Exercises With DOE/HQ Operations Offices	Approved 1/28/94 and
PINP-DOE-5500.3A-CSA-014A	Training Offered to Off-Site Agencies	Approved 1/25/94
PINP-DOE-4330.4A-CSA-018	Maintenance Mgt Program Feedback	Rejected by AL 2/16/94; to be revised

<u>RFA Number</u>	<u>Title</u>	<u>Status</u>
Exemptions		
PINP-DOE-5500.3A-EX-002A PINP-DOE-5480.4-EX-008 #	Accountability for all Facility Personnel Sprinkler System	Approved 2/2/95 and sent to Rejected by PAO 1/24/94
PINP-DOE-5500.3A-EX-010	Operational Emergencies	Approved by DP-20 5/31/94
PINP-DOE-5480.26-EX-014A	Trending and Analysis of Operations	Approved AL 2/14/95; Information Using Performance Indicators memo to DP recommending approval
PINP-DOE-5480.7A-EX-027#	Fire Protection Program	Rejected by PAO 3/28/94
PINP-DOE-5400.1-EX-031	General Environmental Protection Program	In review by AL
PINP-DOE-5480.23-EX-039	Safety Analysis Report	In review by AL
PINP-DOE-5480.21-EX-040	Unreviewed Safety Questions	In review by AL
PINP-DOE-5480.22-EX-041	Technical Safety Requirements	In review by AL
PINP-DOE-5480.9A-EX-042	Construction Project Safety & Health Mgt	In review by AL

Ten-year Energy management Plan exemption approved; annual report portion mandated by Congress and AL disapproved this portion of the exemption request.

SNL-DOE-5480.7-CSA-0002B	Fire Protection	Pending revision
SNL-DOE-5480.3-CSA-0003B	Safety Requirements for Pkg. and Transportation of Hazardous Material Nuclear Components and Special Assemblies	Pending revision
SNL-DOE-5820.2A-CSA-0005A	TRU Waste Characterization/Certification	Approved 5/24/94
SNL-DOE-5820.2A-CSA-0006B	Low Level Waste Recordkeeping/ Characterization	Pending revision
SNL-DOE-5820.2A-CSA-0008B	Low Level Waste Storage	Pending revision
SNL-DOE-5820.2A-CSA-0009	Inactive Low Level Waste Disposal Sites	Approved 5/24/94
SNL-DOE-5820.2A-CSA-0010A	Low Level Waste Disposal	Approved 5/24/94
SNL-DOE-5820.2A-CSA-0011A	Decontamination & Decommissioning Prgm	Approved 5/24/94
SNL-DOE-5480.10-CSA-0012A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0013B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5480.10-CSA-0014B	Contractor Industrial Hygiene Program	Pending revision

<u>RFA Number</u>	<u>Title</u>	<u>Status</u>
SNL-DOE-5480.10-CSA-0015B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5480.10-CSA-0016B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5480.10-CSA-0017A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0018B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5480.10-CSA-0019A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0020B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5480.10-CSA-0022B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5480.10-CSA-0023A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0024A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0025A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0026A	Contractor Industrial Hygiene Program	Approved 7/25/94
SNL-DOE-5480.10-CSA-0027B	Contractor Industrial Hygiene Program	Pending revision
SNL-DOE-5400.1-CSA-0034A	Environmental Monitoring Program	Pending revision
SNL-DOE-5400.1-CSA-0040B	Liquid Radiological Effluent Monitoring	Pending revision
SNL-DOE-5480.6-CSA-0041	Recordkeeping of DOE 5480.6 Documents	Approved 5/24/94
SNL-DOE-5480.11-CSA-0065B	SNL Radiation Protection Program	Pending revision Implementation
SNL-DOE-5480.11-CSA-0066B	Internal Dosimetry Program	Pending revision Implementation
SNL-DOE-5480.11-CSA-0067B	Workplace Air Sampling & Monitoring	Pending revision
SNL-DOE-5480.11-CSA-0068B	ALARA Program	Pending revision
SNL-DOE-5480.11-CSA-0069B	Radiological Hazard Posting & Labeling	Pending revision
SNL-DOE-5480.20-CSA-0070A	Personnel Selection, Qualifications, Training, and Selection	Pending revision
SNL-DOE-5400.5-CSA-0071A	Release of Personal Property	Pending revision
SNL-DOE-5400.5-CSA-0072A	Release of Real Property	Pending revision
SNL-DOE-5400.5-CSA-0073A	ALARA	Pending revision
SNL-DOE-5400.5-CSA-0074	Liquid Effluent Control	Approved 5/24/94
SNL-DOE-5400.5-CSA-0075A	Dose Limit Compliance	Pending revision
SNL-DOE-5400.5-CSA-0076A	Ambient Air and Meteorological Monitoring	Pending revision
SNL-DOE-5400.5-CSA-0077A	Records	Pending revision
SNL-DOE-5500.2B-CSA-0083	Emergency Preparedness	Pending revision

B.3 NEVADA OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

January 1, 1995 - March 31, 1995

**90-2 STATUS REPORT
January 1 - March 31, 1995**

SECTION I: Orders of Interest to the DNFSB

1. Sites Included

DOE Nevada Operations Office
EG&G Energy Measurements, Inc.
Raytheon Services Nevada
Reynolds Electrical & Engineering Co., Inc.
Wackenhut Services, Inc.

2. Report Type

Quarterly

3. Report Period

January 1 - March 31, 1995

4. Summary of Activities

DOE NEVADA OPERATIONS OFFICE

Assessment is complete for all Orders of interest to the DNFSB, through the 11/6/92 module. The status of self-assessment for Orders of subsequent modules is shown on Enclosure 6. The status of self-assessment for all Orders of interest to the DNFSB, including originals, updates, changes, and replacements is shown on Enclosure 7.

All data for completed assessments has been entered into the site database and has been transmitted to the central file server. In-process assessments will be transmitted as the assessments are completed.

Preparation of required RFAs is underway, with status shown on Enclosure 1.

EG&G ENERGY MEASUREMENTS, INC.

Assessment is complete for all Orders of interest to the DNFSB, through the 4/1/93 module. The status of self-assessment for Orders of subsequent modules is shown on Enclosure 6. The status of self-assessment for all Orders of interest to the DNFSB, including originals, updates, changes, and replacements is shown on Enclosure 7.

All data for completed assessments has been entered into the site database and has been transmitted to the central file server. In-process assessments will be transmitted as the assessments are completed.

Preparation of the required RFA is complete, with status shown on Enclosure 2.

RAYTHEON SERVICES NEVADA

Assessment is complete for all Orders of interest to the DNFSB, through the 11/6/92 module. The status of self-assessment for Orders of subsequent modules is shown on Enclosure 6. The status of self-assessment for all Orders of interest to the DNFSB, including originals, updates, changes, and replacements is shown on Enclosure 7.

All data for completed assessments has been entered into the site database and has been transmitted to the central file server. In-process assessments will be transmitted as the assessments are completed.

Preparation of required RFAs is underway with status shown on Enclosure 3.

REYNOLDS ELECTRICAL & ENGINEERING CO., Inc.

Assessment is complete for all Orders of interest to the DNFSB, through the 3/1/93 module. The status of self-assessment for Orders of subsequent modules is shown on Enclosure 6. The status of self-assessment for all Orders of interest to the DNFSB, including originals, updates, changes, and replacements is shown on Enclosure 7.

All data for completed assessments has been entered into the site database and has been transmitted to the central file server. In-process assessments will be transmitted as the assessments are completed.

Preparation of required RFAs is underway, with status shown on Enclosure 4.

WACKENHUT SERVICES, INC.

Assessment is complete for all Orders of interest to the DNFSB, through the 8/2/93 module. The status of self-assessment for Orders of subsequent modules is shown on Enclosure 6. The status of self-assessment for all Orders of interest to the DNFSB, including originals, updates, changes, and replacements is shown on Enclosure 7.

All data for completed assessments has been entered into the site database and has been transmitted to the central file server. In-process assessment will be transmitted as the assessments are completed.

Preparation of required RFAs is underway, with status as shown on Enclosure 5. Most corrective actions have been reported to be completed, but not yet validated by DOE/NV, and therefore not yet reflected in RSAD.

5. Status of Standards/Requirements Identification Documents

The S/RIDs' database software development and the process modeling of the Waste Management Program continue. Both are targeted for completion by May, 1995.

6. Issues/Concerns

None

DOE/NV STATUS OF RFAs

DNFSB INTEREST	RFA NUMBER	RFA TITLE	STATUS	DRAFT RFA TO HQ		FINAL RFA TO HQ		DOE/HQ APPROVAL DATE	CERTIFIED CLOSED BY	DATE CLOSED
				EST	ACT	EST	ACT			
YES	NVFO-DOE-5700.8C-CSA-01	QUALITY ASSURANCE	APPROVED*	N/A	N/A	12/7/92	12/7/92	N/A		
YES	NVFO-DOE-4330.4A-CSA-02	MAINTENANCE MANAGEMENT PROGRAM	APPROVED*	N/A	N/A	12/7/92	12/7/92	N/A		
YES	NVFO-DOE-5480.17-CSA-04	SITE SAFETY REPRESENTATIVES	APPROVED*	N/A	N/A	12/7/92	12/7/92	N/A		
YES	NVFO-DOE-5480.1B-EX-04	ES&H PROGRAM FOR DOE OPERATIONS	HQ REQUESTED NV WITHDRAWAL	N/A	N/A	N/A	9/14/92	N/A	WITHDRAWN	8/18/93

* Approved by Field Office Manager; DOE/HQ approval not required.

ENCLOSURE 1, DOE Nevada Operations Of

EG&G/EM STATUS OF RFAs

DNFBB INTEREST	RFA NUMBER	RFA TITLE	STATUS	DRAFT RFA TO HQ		FINAL RFA TO HQ		DOE/HQ APPROVAL DATE	CERTIFIED CLOSED BY	DATE CLOSED
				EST	ACT	EST	ACT			
YES	EGGE-DOE-4330.4A-CSA-01	MAINTENANCE MANAGEMENT PROGRAM	APPROVED*	N/A	N/A	12/15/92	12/7/92			

* Approved by Field Office Manager; DOE/HQ approval not required.

ENCLOSURE 2, EG&G Energy Measurements, Inc.

RSN STATUS OF RFAs

DNFB8 INTEREST	RFA NUMBER	RFA TITLE	STATUS	DRAFT RFA TO HQ		FINAL RFA TO HQ		DOE/HQ APPROVAL DATE	CERTIFIED CLOSED BY	DATE CLOSED
				EST	ACT	EST	ACT			
YES	RSN-DOE-5480.19-CSA-03	CONDUCT OF OPERATIONS	APPROVED*	N/A	N/A	11/1/94	11/1/94	N/A		

* Approved by Field Office Manager; DOE/HQ approval not required.

ENCLOSURE 3, Raytheon Services Nevada

REECo STATUS OF RFAs

DNFSB INTEREST	RFA NUMBER	RFA TITLE	STATUS	DRAFT RFA TO HQ		FINAL RFA TO HQ		DOE/HQ APPROVAL DATE	CERTIFIED CLOSED BY	DATE CLOSED
				EST	ACT	EST	ACT			
YES	REEC-DOE-4700.1-CSA-01	PROJECT MANAGEMENT SYSTEM	APPROVED*	N/A	N/A	12/15/92	12/7/92	N/A		
YES	REEC-DOE-5700.8C-CSA-04	QUALITY ASSURANCE	APPROVED*	N/A	N/A	2/3/93	2/5/93	N/A		
YES	REEC-DOE-5480.19-CSA-05	CONDUCT OF OPERATIONS	APPROVED*	N/A	N/A	2/15/93	2/18/93	N/A		
YES	REEC-DOE-4330.4A-CSA-06	MAINTENANCE MANAGEMENT PROGRAM	APPROVED*	N/A	N/A	7/1/93	6/18/93	N/A		
YES	REEC-DOE-5480.11-CSA-07	RADIATION PROTECTION FOR OCCUPATIONAL WORKERS	APPROVED*	N/A	N/A	4/15/93	4/7/93	N/A		
YES	REEC-DOE-5484.1-CSA-09	ENV. PROT. SAFETY & HEALTH PROTECTION INFORMATION REPORTING REQUIREMENTS	APPROVED*	N/A	N/A	2/3/93	2/5/93	N/A		
YES	REEC-DOE-1300.2A-CSA-10	TECHNICAL STANDARDS PROGRAM	APPROVED*	N/A	N/A	2/3/93	2/5/93	N/A		

* Approved by Field Office Manager, DOE/HQ approval not required.

ENCLOSURE 4, Reynolds Electrical & Engineering Co., Inc.

WSI STATUS OF RFAs

DNFSB INTEREST	RFA NUMBER	RFA TITLE	STATUS	DRAFT RFA TO HQ		FINAL RFA TO HQ		DOE/HQ APPROVAL DATE	CERTIFIED CLOSED BY	DATE CLOSED
				EST	ACT	EST	ACT			
YES	WSI-NV-5400.1-STCS-ES&H-01	WSI WASTE MINIMIZATION AND POLLUTION PREVENTION AWARENESS PLAN (WMPPAP)	APPROVED*	N/A	N/A	N/A	4/7/93	N/A	EPD	6/1/94
YES	WSI-NV-5480.11-STCS-ES&H-02	OCCUPATIONAL RADIATION EXPOSURE RECORDS	APPROVED*	N/A	N/A	N/A	4/7/93	N/A	HPD	7/1/93
YES	WSI-NV-5480.11-STCS-ES&H-03	EMERGENCY/ACCIDENTAL EXPOSURES	APPROVED*	N/A	N/A	N/A	4/7/93	N/A	HPD	7/1/93
YES	WSI-NV-5480.8-STCS-ES&H-04	PHYSICAL, CHEMICAL, AND BIOLOGICAL AGENTS	APPROVED*	N/A	N/A	N/A	4/7/93	N/A		
YES	WSI-NV-5480.10-STCS-ES&H-05	RESULTS OF MONITORING PROGRAM	APPROVED*	N/A	N/A	N/A	4/7/93	N/A	HPD	8/1/93
YES	WSI-NV-5480.8-STCS-HR-09	HEALTH STATUS REVIEW	APPROVED*	N/A	N/A	7/1/93	6/18/93	N/A		

* Approved by Field Office Manager, short term compliance statements do not require DOE/HQ approval.

ENCLOSURE 5, Wackenhut Services, Inc.

LEVEL 1 ORDERS OF INTEREST TO THE DNFSB						
STATUS OF NEW RSAD RELEASES (NEW/UPDATED/CHANGED ORDERS)						
X = SELF-ASSESSMENT COMPLETED						
MODULE	ORDER NO.	DOE/NV	REECO	EG&G	RSN	WSI
4/14/92	4330.4A (CHG3)	X	X	X	X	X
4/14/92	5482.1B (CHG1)	X	X	X	X	X
4/14/92	5480.21 (NEW)	X	X	X	X	X
11/6/92	1300.2A (UPDATE)	X	X	X	X	X
11/6/92	4330.4A (CHG4)	X	X	X	X	X
11/6/92	5480.22 (NEW)	X	X	X	X	X
11/6/92	5480.23 (NEW)	X	X	X	X	X
11/6/92	5480.24 (NEW)	X	X	X	X	X
2/1/93	1360.2B (UPDATE)	X	X	X		X
2/1/93	5480.8A (CHG1)	X	X	X	X	X
2/1/93	5480.19 (CHG1)	X	X	X	X	X
2/1/93	5480.22 (CHG1)	X	X	X	X	X
2/1/93	5500.4A (UPDATE)	X	X	X		X
2/1/93	5480.1B (VAL)	X	X	X	X	X
2/1/93	5480.3 (VAL)	X	X	X	X	X
2/1/93	5480.4 (VAL)	X	X	X	X	X
2/1/93	5480.5 (VAL)	X	X	X	X	X
2/1/93	5480.7 (VAL)	X	X	X		X
2/1/93	5480.9 (VAL)		X	X	X	X
2/1/93	5480.15 (VAL)	X	X	X	X	X
2/1/93	5481.1B (VAL)	X	X	X		X
2/1/93	N5480.6(NEW)	X	X	X	X	X
3/1/93	4700.1(CHG1)	X	X	X		X
4/1/93	5480.25(NEW)	X	X	X	X	X
4/1/93	1540.3A(UPDATE)	X	X	X	X	X
4/1/93	5480.11(CHG3)	X		X		X
4/1/93	5500.1B(CHG1)	X	X	X	X	X
4/1/93	5500.2B(CHG1)	X	X	X	X	X
4/1/93	5500.3A(CHG1)	X	X	X		X
4/1/93	5500.10(CHG1)	X	X	X	X	X
4/1/93	N5480.5(NEW)	X	X	X	X	X
6/1/93	5000.3B(UPDATE)	X	X	X	X	X
6/1/93	5440.1E(UPDATE)		X	X	X	X
6/1/93	5480.26(NEW)	X	X	X	X	X
6/1/93	5480.28(NEW)	X	X			X
6/1/93	5480.29(NEW)	X	X	X	X	X
6/1/93	5480.30(NEW)	X	X	X	X	X
6/1/93	5480.7A(UPDATE)	X	X		X	X
6/1/93	5632.11(REPL)	X	X	X	X	X
6/1/93	5400.2A(CHG1)		X	X	X	X
6/1/93	5400.5(CHG2)			X	X	X
6/1/93	5480.4(CHG4)	X	X	X		X
8/2/93	5480.1B(CHG5)	X	X	X	X	X

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6/6/94	4330.4B(UPDATE)	X				
6/6/94	5000.3B(CHG1)					
6/6/94	5480.31(NEW)			X	X	
8/31/94	5480.9A(UPDATE)					
8/31/94	5480.23(CHG1)	X				
8/31/94	5632.11(CHG1)					
11/17/94	5480.18B(UPDATE)					

DNFCHRON.XLS

LEVEL 1 ORDERS OF INTEREST TO THE DNFSB				CHRONOLOGY		
X = SELF-ASSESSMENT COMPLETED				O = INDEPENDENT REVIEW COMPLETED		
MODULE	ORDER NO.	DOE/NV	REECO	EG&G	RSN	WSI
ORIG	1300.2(ORIG)	X	X	X	X	X
11/8/92	1300.2A(UPDATE)	X	XO	XO	X	XO
ORIG	1360.2A(ORIG)	X	X	X	X	X
2/1/93	1360.2B(UPDATE)	X	XO	XO		XO
ORIG	1540.2(ORIG)	X	X	X	X	X
ORIG	1540.3(ORIG)	X	X	X	X	X
4/1/93	1540.3A(UPDATE)	X	X	X	X	X
ORIG	4330.4A(ORIG)	X	X	X	X	X
4/14/92	4330.4A(CHG3)	X	X	X	X	X
11/8/92	4330.4A(CHG4)	X	X	XO	XO	XO
6/6/94	4330.4B(UPDATE)	X				
ORIG	4700.1(ORIG)	X	X	XO	XO	X
3/1/93	4700.1(CHG1)	X	XO	XO		XO
ORIG	5000.3A(ORIG)	X	X	X	X	X
6/1/93	5000.3B(UPDATE)	X	XO	XO	XO	XO
6/6/94	5000.3B(CHG1)		XO			
ORIG	5400.1(ORIG)	X	X	X	X	X
ORIG	5400.2A(ORIG)	X	X	X	X	X
6/1/93	5400.2A(CHG1)		X	X	X	X
ORIG	5400.3(ORIG)	X	X	X	X	X
11/17/94	CANCELLED					
ORIG	5400.4(ORIG)	X	X	X	X	X
ORIG	5400.5(ORIG)	X	X	X	X	X
6/1/93	5400.5(CHG2)			X	XO	XO
ORIG	5440.1D(ORIG)	X	X	X	X	X
6/1/93	5440.1E(UPDATE)		X	X	X	X
ORIG	5480.1B(ORIG)	X	X	X	X	X
2/1/93	5480.1B(VAL)	X	X	X	X	X
8/2/93	5480.1B(CHG5)	X	XO	XO	XO	XO
ORIG	5480.3(ORIG)	X	X	X	X	X
2/1/93	5480.3(VAL)	X	X	X	XO	XO

ORIG	5480.4(ORIG)	X	X	X	X	X		
2/1/93	5480.4(VAL)	X	X	X	X	X		
6/1/93	5480.4(CHG4)	X	XO	X	X	X		
ORIG	5480.5(ORIG)	X	X	X	X	X		
2/1/93	5480.5(VAL)	X	X	X	XO	XO		
11/17/94	CANCELLED							
4/1/93	N5480.5(NEW)	X	XO	X	XO	XO		
11/17/94	EXPIRED							
2/1/93	N5480.6(NEW)	X	XO	XO	XO	XO		
11/17/94	EXPIRED							
ORIG	5480.6(ORIG)	X	XO	XO	XO	XO		
ORIG	5480.7(ORIG)	X	X	X	X	X		
2/1/93	5480.7(VAL)	X	X	X		X		
6/1/93	5480.7A(UPDATE)	X	XO		X	XO		
ORIG	5480.8(ORIG)	X	X	X	X	X		
2/1/93	5480.8A(CHG1)	X	X	X	X	X		
ORIG	5480.9(ORIG)	X	X	X	X	X		
2/1/93	5480.9(VAL)		XO	XO	XO	XO		
8/31/94	5480.9A(UPDATE)							
ORIG	5480.10(ORIG)	X	X	X	X	X		
ORIG	5480.11(ORIG)	X	X	X	X	X		
4/1/93	5480.11(CHG3)	X		XO		XO		
ORIG	5480.15(ORIG)	X	X	X	X	X		
2/1/93	5480.15(VAL)	X	X	XO	XO	XO		
ORIG	5480.17(ORIG)	X	XO	XO	XO	XO		
ORIG	5480.18A(ORIG)	X	XO	XO	XO	XO		
11/17/94	5480.18B(UPDATE)							
ORIG	5480.19(ORIG)	X	X	X	X	X		
2/1/93	5480.19(CHG1)	X	XO	X	X	X		
ORIG	5480.20(ORIG)	X	XO	XO	XO	XO		
4/14/92	5480.21(NEW)	X	XO	XO	XO	XO		
11/6/92	5480.22(NEW)	X	X	X	X	X		
2/1/93	5480.22(CHG1)	X	XO	XO	XO	XO		

DNFCHRON.XLS

11/8/92	5480.23(NEW)	X	XO	XO	XO	XO	
8/31/94	5480.23(CHG1)	X					
11/6/92	5480.24(NEW)	X	XO	XO	XO	XO	
4/1/93	5480.25(NEW)	X	XO	X	XO	XO	
6/1/93	5480.26(NEW)	X	XO	XO	XO	XO	
6/1/93	5480.28(NEW)	X	XO			XO	
6/1/93	5480.29(NEW)	X	XO	XO	X	XO	
6/1/93	5480.30(NEW)	X	XO	XO	XO	XO	
6/6/94	5480.31(NEW)			XO	XO		
ORIG	5481.1B(ORIG)	X	X	X	X	X	
2/1/93	5481.1B(VAL)	X	X	X		XO	
ORIG	5482.1B(ORIG)	X	X	X	X	X	
4/14/92	5482.1B(CHG1)	X	X	XO	X	X	
ORIG	5483.1A(ORIG)	X	XO	X	X	X	
ORIG	5484.1(ORIG)	X	X	X	X	X	
ORIG	5500.1B(ORIG)	X	X	X	X	X	
4/1/93	5500.1B(CHG1)	X	XO	XO	X	XO	
ORIG	5500.2B(ORIG)	X	X	X	X	X	
4/1/93	5500.2B(CHG1)	X	XO	XO	XO	X	
ORIG	5500.3A(ORIG)	X	X	X	X	X	
4/1/93	5500.3A(CHG1)	X	XO	XO		X	
ORIG	5500.4(ORIG)	X	X	X	XO	X	
2/1/93	5500.4A(UPDATE)	X	X	X		X	
ORIG	5500.7B(ORIG)	X	XO	X	X	X	
ORIG	5500.10(ORIG)	X	X	X	X	X	
4/1/93	5500.10(CHG1)	X	XO	XO	XO	X	
ORIG	1540.4(ORIG)	X	X	X	X	X	
6/1/93	5632.11(REPL)	X	X	X	X	X	
8/31/94	5632.11(CHG1)						
ORIG	5700.6C(ORIG)	X	X	X	X	X	

DNFCHRON.XLS

ORIG	5820.2A(ORIG)	X	X	X	X	XO	
ORIG	6430.1A(ORIG)	X	XO	XO	XO	XO	

B.4 OAKLAND OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

January 1, 1995 - March 31, 1995

**DOE/Oakland Operations Office
Lawrence Livermore National Laboratory
90-2 Order Compliance Status Report
March 31, 1995**

- 1. Site: Lawrence Livermore National Laboratory (LLNL)**
- 2. Subject: 90-2 Quarterly Report**
- 3. Period: January 1, 1995 - March 31, 1995**
- 4. Overall Summary of Order Compliance Activities**
 - a. DOE/Oakland Operations Office (OAK):**

Summary of Work Completed:

Assessments: All of the Orders of Interest to the Board have been assessed and identified for reassessment from the baseline up to, and including, the November 18, 1994 module. A complete listing of Orders of Interest are shown in Attachment 1. Some reassessments have been delayed due to the delay of downloading of compliance data from HQ's server to LLNL's Compliance Management System (CMS) for use by DOE/OAK. As the result of the DOE/OAK appraisal in December 1994, we will be going back to review and correct the assessments conducted under the old criteria.

Request for Approvals (RFAs): There are 33 RFAs that have been updated to reflect projected work hours for completion of the required corrective actions. Four RFAs have been forwarded to DOE/OAK Manager for approval. Previously, a key element in the corrective action process was the updating or writing of new Oakland management directives (MDs) following the prescribed Oakland MD process. A recent Oakland Management decision to cancel 43 MDs and replace them with a "Oakland Operations Office Supplemental Directive System" has created the need to re-evaluate the existing assessments and the corresponding RFAs. Completion of RFAs is anticipated by July 31, 1995.

Procedures: The original DOE/OAK Livermore Site Office Procedure, issued on February 1, 1994, is under revision in order to reflect the September 1994, Revision 5, to the DOE/DP 90-2 Implementation Plan. Completion of the procedure is anticipated by May 31, 1995. In addition, DOE/OAK Livermore Site Office oversight plans will be revised to incorporate S/R Phase 2 assessment.

Training: A formal documented training program was developed and implemented for the DOE Subject Mater Experts (SMEs) and Managers involved in the Order Compliance Assessment and RFA process. The training process will be up-dated to reflect the new S/RIDs Instructions and procedures as they are completed.

Recent DOE/OAK and LLNL DOCSA Appraisal Results:

The DOE/OAK Livermore Site Office conducted an appraisal of LLNL's DOCSA Program from November 28, 1994 through December 2, 1994. Approximately ten percent of the assessment data was randomly selected for review. The following summarizes the results covering LLNL's self assessment data with an evaluation of the effectiveness of the Program:

- A. The data in the Compliance Management System (CMS) database is of inadequate quality to accurately state compliance status or demonstrate compliance.
- B. There is a lack of uniformity of assessment of Orders, reviews of assessments, and tracking of corrective actions among the LLNL Directorates.
- C. The process of filing Requests for Approval (RFA) is neither widely understood, nor consistently practiced at LLNL.
- D. The CMS database provides a very useful tool to handle the volume of data, however, information recovered by the use of the "report menu" is not always accurate.

The Department of Energy Oakland Operations Office (DOE/OAK) conducted an appraisal of its own DOCSA program. The appraisal was conducted between December 5, 1994 and December 30, 1994. Approximately ten percent of the assessment (both administrative and adherence) were randomly selected for review. The following are findings observed during the appraisal:

- A. DOE/OAK has been slow with completing the assessment of current DOE Orders.
- B. Thirteen percent (13%) of the sampled Order statements were found to be incorrectly assessed.
- C. The process for OAK RFA review and approval is extremely slow. No OAK RFAs have been submitted for approval to OAK Manager's Office.
- D. Fifty eight percent (58%) of the activities appraised lack evidence of adherence to the requirements.

- E. The OAK review process of LLNL RFAs does not always follow a consistent standard.
- F. The current process for order compliance self-assessment was found to be consistent with the latest version of DP-AP-202.

Both DOE/OAK and LLNL have initiated actions to correct the findings identified in the appraisal. Any extensive process improvements will be incorporated into the S/R program.

S/RIDs Implementation Milestone Schedule:

- | | |
|---|------------|
| 1. DOE/OAK S/R Implementation Procedure | - 05/31/95 |
| 2. S/RID Development | - 10/31/95 |
| 3. S/RID Approval | - 12/31/95 |
| 4. S/RID Assessments Phase 1 | - 04/30/96 |
| 5. S/RID Assessments Phase 2 | - 06/30/96 |

b. Lawrence Livermore National Laboratory (LLNL)

Summary of Work Completed: Attachment #2, LLNL DOCSA Project Status, provides the current status of all Orders.

Assessments: LLNL has completed its assessments of the Baseline Orders of interest to the DNFSB and continues to submit RFAs to DOE/OAK. Reassessments are being made as changes in Orders become available from the Headquarters' server.

- 5000.3B, C1, complete.
- 5480.31 is 30% complete.
- 5400.5, C2, complete.
- 5480.9A, 10% complete.
- 5480.7A, complete, (in review process).
- 5480.24, complete, (in review process).
- 5560.1B, complete, (in review process).
- 1300.2A, complete.
- 1540.1A not available on HQs' server.
- 5480.23, C1, awaiting acceptance into Appendix G.
- 5480.28 awaiting acceptance into Appendix G.
- 5500.6B awaiting acceptance into Appendix G.

Request for Approvals (RFAs): Attachment #3, LLNL Corrective Action Status, shows the current activity of LLNL RFAs:

- 22 have been approved/validated to date.
- 4 currently at DOE/OAK for review and approval.

This quarter, two CSAs, 001A & 002A, were submitted to DOE/OAK for approval and validation of the corrective action.

Completed Corrective Actions: Attachment # 4, LLNL Corrective Actions Completed, indicates the status of the completed action.

Two completes CSAs (022A & 018A) were submitted this quarter to DOE for validation.

S/RID Development Process:

LLNL has determined that limiting the close-out of DOCSA to Building 332 (plutonium Facility) and development of an S/R for this one facility would be the most cost effective and efficient method of transition to an S/R program. As the result of DOE/OAK appraisal and DNFSB Recommendation 93-1 Sub recommendation 3, LLNL will review and correct all order requirements (both administrative and adherence) in the current CMS database which either institutionally or directly related to Building 332 . All RFAs will be closed-out. The information will be available for transition into the LLNL S/R program by July 31, 1995.

LLNL has selected a project leader for the development of Building 332 S/R program. A detailed implementation plan will be submitted for DOE review next month.

Baseline Orders Complete of Interest to the DNFSB: 41

Order	Title	Being Assesed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
1300.2A	DOE Tech Standards Program				X		Complete	
1540.2 C1	HAZMAT Packaging				X		Complete	
1540.3	Rad Mat Transp				X		Complete	Superseded by A
1540.4	Protection of Rx Fuel				X	NA	Complete	Superseded by 5632.11
4330.4B	Maintenance Management				X		Complete	
5000.3A	Occurence Reporting				X		Complete	Superseded by B
5400.1	Environmental Protection				X		Complete	
5400.2A	Environmental Compliance				X		Complete	
5400.3	Hazardous and Radioactive Waste...				X		Complete	
5400.4	CERCLA Requirements				X		Complete	
5400.5	Radiation Protection of the Public...				X		Complete	
5440.1D	NEPA Program				X		Complete	Superseded by E
5480.10	Contractor Industrial Hygiene Program				X		Complete	
5480.11	Radiation Protection				X		Complete	
5480.15	DOELAP				X		Complete	
5480.17	Site Safety Representatives				X		Complete	
5480.18A	Training Accreditation				X		Complete	
5480.19	Conduct of Operations				X		Complete	
5480.1B	ES&H Program				X		Complete	
5480.3	Packaging and Transportation of HAZMAT				X		Complete	
5480.4	Environment, Safety and Health Standards				X		Complete	
5480.5	Safety of Nuclear Facilities				X		Complete	NA
5480.7	Fire Protection				X		Complete	Superseded by A
5480.9	Construction Safety and Health Program				X		Complete	
5481.1B	Safety Analysis and Review System				X		Complete	
5482.1B	ES&H Appraisal Program				X		Complete	
5483.1A	OSHA				X		Complete	
5484.1	ES&H Reporting				X		Complete	
5484.1 C7	ES&H Reporting				X		Complete	
5500.10	Emergency Readiness Assurance				X		Complete	
5500.1B	Emergency Management System				X		Complete	

Baseline Orders Complete of Interest to the DNESB: 41

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
5500.2B	Emergency Categories...				X		Complete	
5500.3A	Planning & Preparedness...				X		Complete	
5500.4	Public Affairs Policy				X		Complete	Superseded by A
5500.7B	Emerg Ops Records Prot				X		Complete	WA
5610.11	Nuclear Explosive Safety				X		Complete	
5610.11A	Nuclear Explosive Safety				X		Complete	
5632.11	Protection of Uncla RX Fuel				X		Complete	*LO
5700.6C	Quality Assurance				X		Complete	
5820.2A	Radioactive Waste Management				X		Complete	
6430.1A	General Design Criteria				X		Complete	

March 30, 1995

Non-Baseline Orders Complete of Interest to the DNESB: 26

Order	Title	Being Assesed	Being Reassesed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
1360.2B	Unclass Computer Security					X	Complete	
1540.3A	Rad Mat Transp					X	Complete	
4330.4A C4	Maintenance Management					X	Complete	Supercoded by B
5000.3B	Occurence Reporting					X	Complete	Supercoded by C1
5400.5 C2	Radiation Protection of the Public...						Complete	
5440.1E	NEPA Program					X	Complete	
5480.11 C3	Radiation Protection					X	Complete	
5480.19 C1	Conduct of Operations					X	Complete	No FO changes
5480.1B C5	ES&H Program					X	Complete	
5480.21	Ureviewed Safety Questions					X	Complete	
5480.22	Technical Safety Requirements					X	Complete	
5480.22 C1	Technical Safety Requirements					X	Complete	No FO Changes in C1
5480.24	Nuclear Criticality Safety					X	Complete	
5480.25	Safety of Accelerator Facilities					X	Complete	
5480.26	Performance Indicators					X	Complete	
5480.28	Natural Phenomena Hazards Mitigation					X	Complete	
5480.29	Employee Concerns Management System					X	Complete	
5480.4 C4	Environment, Safety and Health Standards					X	Complete	
5480.7A	Fire Protection					X	Complete	
5480.8A C1	Contractor Occupational Medical Program					X	Complete	
5482.1B C1	ES&H Appraisal Program					X	Complete	
5500.2B C1	Emergency Categories...						Complete	
5500.3A C1	Planning & Preparedness ...						Complete	
5500.4A	Public Affairs Policy					X	Complete	No change from 4 - 4A WA
N5480.5	Imposition of Proposed Nuclear...					X	Complete	Expired
N5480.6	Radiological Control					X	Complete	Expired

March 30, 1995

Baseline Orders Incomplete of Interest to the DNESB: 3

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
4700.1 C1	Project Management		X		X		Pending	
5000.3B C1	Occurrence Reporting		X		X		Pending	
5480.20	Personnel Training ...		X		X		Pending	

Non-Baseline Orders Incomplete of Interest to the DNESB: 2

Order	Title	Being Assessed	Being Reassessed	In Data Entry	In Baseline Module	Added to Baseline	Status	Comments
5480.23	Nuclear Safety Analysis Reports		X			X	Pending	
5480.31	Startup and Restart of Nuclear Facs		X			X	Pending	

March 30, 1995

DOCSA PROJECT STATUS

Order Number	Title	Total Contractor Statements	Total New Contractor Statements To Be Assessed	Number of New Contractor Statements Assessed	Release Module	In Original Set Of 93	Type	UC Contract Section In Appendix G	Date In Appendix G	Comments	Status	Completion Date	Has Facility Specific Statements
27-Mar-95													
1300 2A	DOE Technical Standards Program	11	11	0	Nov-92	No	A Change	II	12/23/93		Complete	11/9/94	
1360 2B	Unclassified Computer Security	60	60	60	Feb-93	No	New	II	12/23/93		Complete	6/93	
1540 1A	Material Transportation and Traffic Management				OCM		A Change	I	3/18/94	Assessment pending. Not in RSAD			
1540 3A	Base Technology for Radio Trans Packaging	0	0	0	Apr-93	No	A Change	I	12/2/93	No statements to assess	Complete	4/93	
3791 2A Chg 1	Federal Employee Motor Vehicle Safety Program	0	0	0	Aug-93	No	A change	I	12/2/93	No statements to assess	Complete	8/93	
4330 4B	Maintenance Management	0	0	0	Jun-94	Yes	Change	II	8/22/94	Memo response	Complete	4/93	
4700 1 Chg 1	Project Management System	0	0	0	Mar-93	Yes	Change	II	2/14/94	Memo response	Complete	3/93	
5000 3B Chg 1	Occurrence Report and Process of Oper Info	130	70	0	Jun-94	No	B Change	II	12/6/93		Complete	2/15/95	
5400 2A Chg 1	Environmental Compliance Issue Coord	0	0	0	Jun-93	Yes	Change	I	6/29/93	No statements to assess	Complete	6/93	
5400 4A	CERCLA	0	0	0	Feb-93	No	Change	I	5/27/93	Replaces 5300 4. No statements to assess	Complete	2/93	
5400 5 Chg 2	Radiation Prot of the Public and the Environment	116	18	0	Jun-93	Yes	Change	I	12/6/93		Complete	1/15/95	
5440 1E	NEPA Compliance Program	0	0	0	Jun-93	No	E Change	I	12/6/93	No statements to assess	Complete	6/93	
5480 1B Chg 4	Environmental, Safety and Health Program	0	0	0	Feb-93	Yes	Change	I	11/20/92	No statements to assess	Complete	2/93	
5480 1B Chg 5	Environmental, Safety and Health Program	0	0	0	Aug-93	Yes	Change	I	12/6/93	No statements to assess	Complete	8/93	
5480 3	Safety Requirements for Pack Trans Haz Mat	120	9	9	Feb-93	Yes	Validated	I	11/20/92		Complete	4/93	
5480 4 Chg 3	Environmental Protection, Safety & Health	0	0	0	Feb-93	Yes	Change	I	11/20/92	No statements to assess	Complete	2/93	
5480 4 Chg 4	Environmental Protection, Safety & Health	0	0	0	Jun-93	Yes	Change	I	12/29/93	No statements to assess	Complete	6/93	
5480 5	Safety of Nuclear Facilities	171	13	13	Feb-93	Yes	Validated	I	11/20/92		Complete	3/93	Yes
5480 7	Fire Protection	47	5	5	Feb-93	Yes	Validated	I	11/20/92		Complete	3/93	Yes
5480 7A	Fire Protection	84	84	0	Jun-93	No	A Change	I	12/29/93	Assessed- In review process			Yes
5480 RA Chg 1	Occupational Medical Program	158	158	0	Feb-93	No	A Change	I	8/12/94		Complete	5/10/94	
5480 9	Construction Safety & Health Program	17	1	1	Feb-93	Yes	Validated	I	11/20/92		Complete	3/93	
5480 9A	Construction Safety & Health Program	30	30	30	Jan-93	No	A Change	I	10/13/94	Assessment Started- 10% complete			
5480 11 Chg 3	Radiation for Occupational Workers	171	3	3	Apr-93	Yes	Change	I	12/2/93		Complete	5/93	Yes
5480 13	Aviation Safety	31	0	0	Feb-93	Yes	Validated	I	11/20/92		Complete	3/93	
5480 13A	Aviation Safety	76	64	0	Jul-93	No	A Change	I	12/29/93		Complete	4/21/94	
5480 15	DOE Lab Accred Program for Pers Dosimetry	10	0	0	Feb-93	Yes	Validated	I	11/20/92		Complete	3/1/93	
5480 19 Chg 1	Conduct of Operations Req for DOE Facilities	8	0	0	Feb-93	Yes	Change	I	12/2/93		Complete	3/93	Yes
5480 21	Unreviewed Safety Questions	49	49	49	Jan-93	No	New	I	11/20/92		Complete	3/8/94	Yes
5480 22 Chg 1	Technical Safety Requirements	32	32	32	Feb-93	No	Change	I	12/2/93		Complete	3/8/94	Yes
5480 23	Nuclear Safety Analysis Reports	33	33	33	Nov-92	No	New	I	11/20/92		Complete	3/8/94	Yes
5480 23 Chg 1	Nuclear Safety Analysis Reports				Jan-95	No	Change		UC Review	Awaiting acceptance into UC contract			
5480 24	Nuclear Criticality Safety	40	40	0	Nov-92	No	New	I	12/2/93	Assessed- In review process			Yes
5480 25	Safety of Accelerator Facilities	88	88	0	Apr-93	No	New	I	12/29/93		Complete	7/8/94	Yes
5480 26	Trending and Analysis of Operation	9	9	0	Jun-93	No	New	I	12/6/93		Complete	3/23/95	
5480 28	Natural Phenomena Hazards Mitigation	47	47	0	Jun-93	No	New		UC Review	Awaiting acceptance into UC contract			
5480 29	Employee Concerns Management System	0	0	0	Jun-93	No	New		UC Review	No statements to assess	Complete	6/93	

Status Column: Complete = Assessments which have been completed and approved

DOCSA PROJECT STATUS

Order Number	Title	Total Contractor Statements	Total New Contractor Statements To Be Assessed	Number of New Contractor Statements Assessed	Release Module	In Original Set Of 93	Type	UC Contract Section In Appendix G	Date In Appendix G	Comments	Status	Completion Date	Has Facility Specific Statements
5480.30	Nuclear Reactor Safety	103	0	0	Jun-93	No	New		UC Review	No statements to assess; Order NA	Complete	6/93	
5480.31	Start-Up and Restart of Nuclear Facilities	26	26	26	Jun-94	No	New	I	3/4/94	Assessment Started - 30% complete			
5481.1B Chg. I	Safety Analysis & Review System	0	0	0	Feb-93	Yes	Change	I	11/20/92	Replaced by 5480.23	Complete	2/93	Yes
5500.1B Chg. I	Emergency Management System	14	12	12	Apr-93	Yes	Change	II	5/27/93		Complete	5/93	
5500.2B Chg. I	Emergency, Cata. Causes & Notif & Rep Req	44	1	1	Apr-93	Yes	Change	II	5/27/93		Complete	5/93	
5500.3A Chg. I	Planning & Prep for Occupational Emergencies	101	3	3	Apr-93	Yes	Change	II	5/27/93		Complete	5/93	
5500.5A	Public Affairs Policy & Plan for a Fuel Supply Dist Emerg	0	0	0	Aug-93	No	New	I	12/2/93	No statements to assess	Complete	8/93	
5500.6B	Shutdown of Dept Ops Upon Failure by Congress to Enact	22	22	0	Aug-93	No	New		UC Review	Awaiting acceptance into UC contract			
5500.7B	Emergency Operating Records Protection Plan	9	9	0	Nov-92	Yes	Change	I	3/18/94		Complete	6/22/94	
5500.8A	Emergency Emergency Planning and Management	0	0	0	Aug-93	No	New	I	12/2/93	No statements to assess	Complete	8/93	
5500.9A	Emergency Plan, Prep, and Response to Cont of Govt Emerg	16	16	0	Aug-93	No	New	I	12/2/93	DOE considers NA to LLNL per J. van Oeffley SF	Complete	1/4/94	
5500.10 Chg. I	Emergency Readiness Assurance Review	35	35	0	Apr-93	Yes	Change	II	5/27/93		Complete	5/3/94	
5530.2	Nuclear Emergency Search Team	0	0	0	Nov-92	No	New	II	11/20/92	No statements to assess	Complete	2/93	
5530.3	Radiological Assistance Program	11	11	11	Nov-92	No	New	II	11/20/92		Complete	9/30/93	
5530.3 Chg. I	Radiological Assistance Program	12	1	1	Jan-93	No	Change	II	11/20/92		Complete	2/93	
5530.4	Areal Measuring Systems	0	0	0	Nov-92	No	New		UC Review	No statements to assess	Complete	2/93	
5530.5 Chg. I	Federal Radiological and Monitoring Assessment Center	12	12	0	Aug-93	No	New	I	12/2/93		Complete	7/8/94	
5660.1A	Priorities and Allocations Program	21	21	0	Aug-93	No	New	II	11/29/94	Assessed - In review process			
5632.11	Physical Protection of Unclad Irradiated Reactor	71	0	0	Jun-93	No	New	III	5/27/93	Replaces 1340.4; Order NA	Complete	6/93	
5660.1B	Management of Nuclear Materials	1	1	1	Sep-94	No	New	I	1/11/95		Complete	10/11/94	

Status Column: Complete = Assessments which have been completed and approved

CORRECTIVE ACTION STATUS

Request for Approval No.		Comments	Corrective Action Complete	Review Category	Date Last Revision Completed	Date Sent To DOE	Loc. of Doc.	Date New Revision	Date Revision To DOE	LLNL Signatures	Date DOE Approval	Date Requesting Validation	Date DOE Validation
Site	Order # Code												
LLNL-DOE-5820.2A-	CSA-001A	Corrective action document revised		Inst	1/7/93	1/7/93	DOE	12/12/94	3/17/95	Yes			
LLNL-DOE-5820.2A-	CSA-002A	Returned to LLNL from DOE for revision		Inst	9/14/93	11/4/93	DOE	2/8/95	3/17/95	Yes			
LLNL-DOE-5820.2A-	CSA-003B	Corrective action document approved		Inst	9/21/93	11/4/93	Approv	2/16/94	2/23/94	Yes	3/1/94		
LLNL-DOE-5820.2A-	STCS-004	These statements are now in compliance	Yes	Inst	5/25/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5820.2A-	CSA-005	This statement is now in compliance	Yes	Inst	9/8/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5820.2A-	CSA-006B	Corrective action document approved		Inst	8/31/93	9/23/93	Approv	2/16/94	2/23/94	Yes	3/1/94		
LLNL-DOE-5820.2A-	CSA-007A	Returned to LLNL from DOE for revision		Inst	9/21/93	11/4/93	LLNL						
LLNL-DOE-5820.2A-	CSA-008A	Returned to LLNL from DOE for revision		Inst	9/21/93	11/4/93	LLNL						
LLNL-DOE-5820.2A-	CSA-009	Reviewing compliance with DOE- 1/30/95	Yes	Inst	9/2/93	1/7/93	LLNL					9/12/94	
LLNL-DOE-5480.8-	CSA-010	Order superseded by 5480.8A		Inst	2/19/93	2/19/93	Complete						
LLNL-DOE-5480.8-	CSA-011	Order superseded by 5480.8A		Inst	1/21/93	1/21/93	Complete						
LLNL-DOE-5480.8-	EX-012	Order superseded by 5480.8A		EX	1/7/93	1/7/93	Complete						
LLNL-DOE-5484.1-	EX-013	Approved by DOE/OAK- Sent to DOE HQ		EX	1/21/93	1/21/93	DOE			Yes	5/19/94		
LLNL-DOE-5484.1-	EX-014	Approved by DOE/OAK- Sent to DOE HQ		EX	1/21/93	1/21/93	DOE			Yes	5/19/94		
LLNL-DOE-5820.2A-	CSA-015	This statement is now in compliance	Yes	Inst	9/2/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5484.1-	EX-016	Returned to LLNL from DOE for revision		EX	8/31/93	9/23/93	LLNL						
LLNL-DOE-5484.1-	EX-017	Returned to LLNL from DOE for revision		EX	8/31/93	9/23/93	LLNL						
LLNL-DOE-5610.11-	CSA-018A	Returned to LLNL from DOE for revision		Inst	9/14/93	11/4/93	DOE	2/8/95				3/17/95	
LLNL-DOE-5480.13-	STCS-019	Order superseded by 5480.13A		Inst	1/7/93	1/7/93	Complete		10/3/94				
LLNL-DOE-5480.5-	STCS-020	Order canceled - 5/20/94		3	2/19/93	2/19/93	Complete		10/3/94				
LLNL-DOE-5480.5-	STCS-021	Order canceled - 5/20/94	Yes	3	9/29/93	1/21/93	Complete		10/3/94				
LLNL-DOE-5480.20-	CSA-022	Returned to LLNL from DOE for revision		Inst	9/20/93	10/8/93	DOE	2/8/95				3/17/95	
LLNL-DOE-5480.20-	CSA-023	Reinvestigating compliance	Yes	Inst	9/27/93	1/7/93	LLNL						
LLNL-DOE-5820.2A-	CSA-024	Returned to LLNL from DOE for revision		Inst	9/28/93	11/4/94	LLNL						
LLNL-DOE-5500.3A-	CSA-025	This statement is now in compliance	Yes	Inst	9/20/93	1/7/93	DOE					5/16/94	
LLNL-DOE-5500.3A-	CSA-026	Reviewing compliance with DOE- 1/30/95	Yes	Inst	9/21/93	1/7/93	LLNL					5/16/94	
LLNL-DOE-5480.5-	CSA-027	Order canceled - 5/20/94	Yes	3	8/18/93	2/19/93	Complete		10/3/94				
LLNL-DOE-5480.5-	CSA-028	Order canceled - 5/20/94	Yes	3	8/18/93	2/19/93	Complete		10/3/94				
LLNL-DOE-5480.7-	CSA-029	To be addressed when 5480.7A assessed		3	2/19/93	2/19/93							
LLNL-DOE-5480.7-	EX-030	To be addressed when 5480.7A assessed		EX	1/7/93	1/7/93							
LLNL-DOE-5700.6C-	CSA-031A	Superseded by 10 CFR Part 830.120		3	8/31/93	9/23/93	Complete		12/7/94				
LLNL-DOE-5481.1B-	CSA-032	Order replaced by 5480.23		3	2/19/93	2/19/93	Complete						
LLNL-DOE-5700.6C-	CSA-033B	Superseded by 10 CFR Part 830.120	Yes	3	8/31/93	10/8/93	Complete	2/18/94	12/7/94			9/12/94	
LLNL-DOE-5820.2A-	EX-034	Corrective action document revised	Yes	3	9/2/93	1/21/93	DOE	12/12/94	3/17/95	Yes			
LLNL-DOE-5820.2A-	CSA-035	These statements are now in compliance	Yes	3	9/2/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5700.6C-	CSA-036A	Superseded by 10 CFR Part 830.120		3	8/31/93	9/23/93	Complete		12/7/94				
LLNL-DOE-5820.2A-	CSA-037B	These statements are now in compliance	Yes	Inst	8/31/93	9/23/93	Complete					5/16/94	5/23/94

3/29/95

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CORRECTIVE ACTION STATUS

Request for Approval No. Site Order # Code	Comments	Corrective Action Complete	Review Category	Date Last Revision Completed	Date Sent To DOE	Loc. of Doc.	Date New Revision	Date Revision To DOE	LLNL Signatures	Date DOE Approval	Date Requesting Validation	Date DOE Validation
LLNL-DOE-5820.2A- CSA- 038B	Corrective action document approved		Inst	9/1/93	9/23/93	Approv	2/16/94	2/23/94	Yes	4/17/94		
LLNL-DOE-5400.1- CSA- 039	Corrective action document approved		Inst	9/14/93	12/21/93	Approv		12/21/93	Yes	5/20/94		
LLNL-DOE-5400.1- CSA- 040	Returned to LLNL from DOE for revision		Inst	9/14/93	10/8/93	LLNL						
LLNL-DOE-5400.1- CSA- 041	This statement is now in compliance	Yes	Inst	9/27/93	1/7/93	DOE					12/15/94	
LLNL-DOE-5480.8- CSA- 042	Order superseded by 5480.8A		Inst	1/21/93	1/21/93	Complete						
LLNL-DOE-5610.11- CSA- 043B	This statement is now in compliance	Yes	Inst	8/31/93	9/7/93	Complete	2/16/94	2/23/94	Yes	3/1/94	5/16/94	5/23/94
LLNL-DOE-5610.11- EO- 044A	Corrective action document revised to EO		Inst	9/14/93	11/4/93	LLNL						
LLNL-DOE-5610.11- CSA- 045B	This statement is now in compliance	Yes	Inst	8/31/93	9/7/93	Complete	2/16/94	2/23/94	Yes	3/1/94	5/16/94	5/23/94
LLNL-DOE-5610.11- CSA- 046	These statements are now in compliance	Yes	Inst	8/31/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5480.8- CSA- 047	Order superseded by 5480.8A	Yes	Inst	2/19/93	2/19/93	Complete						
LLNL-DOE-5480.20- CSA- 048B	Corrective action document revised		2	9/27/93	11/4/93	Approv	2/16/94	4/19/94	Yes	8/4/94		
LLNL-DOE-5480.20- CSA- 049B	Corrective action document revised		2	9/27/93	11/4/93	LLNL						
LLNL-DOE-5480.20- CSA- 050B	This statement is now in compliance	Yes	2	9/27/93	11/4/93	DOE	2/16/94				6/16/94	
LLNL-DOE-5480.20- CSA- 051B	Corrective action document revised		2	9/27/93	11/4/93	LLNL						
LLNL-DOE-5480.20- CSA- 052B	This statement is now in compliance		2	8/31/93	9/7/93	DOE			Yes		12/15/94	
LLNL-DOE-5480.20- CSA- 053B	Corrective action document revised		2	9/27/93	11/4/93	LLNL						
LLNL-DOE-5480.7- EX- 054	To be addressed when 5480.7A assessed		EX	1/28/93	1/28/93							
LLNL-DOE-5480.7- EX- 055	To be addressed when 5480.7A assessed		EX	1/28/93	1/28/93							
LLNL-DOE-5480.7- EX- 058	To be addressed when 5480.7A assessed		EX	1/28/93	1/28/93							
LLNL-DOE-5480.7- EX- 057	To be addressed when 5480.7A assessed		EX	1/7/93	1/7/93							
LLNL-DOE-5480.19- CSA- 058A	Returned to LLNL from DOE for revision		3	9/21/93	11/4/93	LLNL						
LLNL-DOE-5480.7- CSA- 059	To be addressed when 5480.7A assessed		3	1/28/93	1/28/93	Complete						
LLNL-DOE-5480.7- STCS- 060	To be addressed when 5480.7A assessed	Yes	3	5/25/93	1/21/93	Complete					9/12/94	
LLNL-DOE-5480.20- STCS- 061			3	1/21/93	1/21/93							
LLNL-DOE-5480.10- CSA- 062	This statement is now in compliance	Yes	Inst	9/2/93	1/21/93	Complete					5/16/94	5/23/94
LLNL-DOE-5480.10- CSA- 063A	Returned to LLNL from DOE for revision	Yes	Inst	9/7/93	2/19/93	DOE	8/25/94	10/31/94	Yes			
LLNL-DOE-5483.1A- CSA- 064	Order 5480.29 will cancel this CSA		Inst	9/8/93	2/19/93	Complete						
LLNL-DOE-5481.1B- STCS- 065	Order replaced by 5480.23		3	1/19/93	1/7/93	Complete						
LLNL-DOE-5480.5- CSA- 066B	Order canceled - 5/20/94		2	9/14/93	11/4/93	Complete	2/16/94	10/3/94				
LLNL-DOE-5820.2A- CSA- 067	Returned to LLNL from DOE for revision		2	1/21/93	1/21/93	LLNL						
LLNL-DOE-5820.2A- STCS- 068	These statements are now in compliance	Yes	3	9/28/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5481.1B- STCS- 069	Order replaced by 5480.23		2	1/7/93	1/7/93	Complete						
LLNL-DOE-5480.11- STCS- 070	This statement is now in compliance	Yes	3	9/29/93	1/7/93	Complete					5/16/94	9/30/94
LLNL-DOE-5820.2A- STCS- 071	This statement is now in compliance	Yes	Inst	2/22/93	1/7/93	Complete					5/16/94	5/23/94
LLNL-DOE-5480.7- CSA- 072	To be addressed when 5480.7A assessed		3	2/19/93	2/19/93							
LLNL-DOE-5700.6C- CSA- 073	Superseded by 10 CFR Part 830.120	Yes	3	2/19/93	2/19/93	Complete		12/7/94			9/12/94	
LLNL-DOE-5700.6C- CSA- 074	Superseded by 10 CFR Part 830.120	Yes	3	8/23/93	2/19/93	Complete		12/7/94			5/16/94	5/23/94

CORRECTIVE ACTION STATUS

Request for Approval No.			Comments	Corrective	Review	Date Last	Date Sent	Loc. of	Date New	Date	LLNL	Date DOE	Date	Date
Site	Order #	Code		Action	Category	Revision	To DOE	Doc.	Revision	Revision			Requesting	Approval
LLNL-DOE-	5700.6C-	CSA-	075B	Superseded by 10 CFR Part 830.120	Yes	3	8/31/93	9/23/93	Complete	2/16/94	2/28/94		9/12/94	
LLNL-DOE-	5700.6C-	CSA-	076A	Superseded by 10 CFR Part 830.120		3	8/31/93	9/23/93	Complete		12/7/94			
LLNL-DOE-	5400.5-	CSA-	077	This statement is now in compliance	Yes	Inst	9/14/93	2/19/93	Complete				6/16/94	date?
LLNL-DOE-	5700.6C-	CSA-	078B	Superseded by 10 CFR Part 830.120	Yes	2	9/14/93	10/8/93	Complete	10/17/94	10/31/94	Yes		
LLNL-DOE-	5480.8A-	CSA-	079A	Corrective action document written		Inst	10/26/93	10/28/93	Approv	8/25/94	9/23/94	Yes	9/30/94	
LLNL-DOE-	5480.8A-	CSA-	080A	Corrective action document written		Inst	10/26/93	10/28/93	Approv	8/25/94	9/23/94	Yes	9/30/94	
LLNL-DOE-	5480.8A-	CSA-	081A	Corrective action document written		Inst	10/26/93	10/28/93	Approv	8/25/94	9/23/94	Yes	9/30/94	
LLNL-DOE-	5480.8A-	CSA-	082	These statements are now in compliance		Inst	10/26/93		Complete				9/12/94	3/16/95
LLNL-DOE-	5480.8A-	CSA-	083	This statement is now in compliance	Yes	Inst	8/12/94	NA	Complete					
LLNL-DOE-	5480.11-	STCS-	084	This statement is now in compliance	Yes	3			Complete					
LLNL-DOE-	5480.21-	STCS-	085	These statements are now pending	Yes	3								
LLNL-DOE-	5480.20-	STCS-	086	Corrective action document written		3								
LLNL-DOE-	5480.20-	CSA-	087	Corrective action document written		3								

CORRECTIVE ACTIONS COMPLETED

Attachment 4

Request for Approval No.		Comments	Corrective Action Complete	Facility Review Category	No. of States	Statement Numbers	Date Requesting Validation	Loc. of Doc.	Date DOE Validation
Site	Order # Code								
LLNL-DOE-5820.2A-	STCS-004	These statements are now in compliance	Yes	Inst	3	III.3.d.(2)(b) III.3.d.(2)(d) III.3.d.(2)(e)	5/16/94	Complete	5/23/94
LLNL-DOE-5820.2A-	CSA-005	This statement is now in compliance	Yes	Inst	1	II.3.e.(4)	5/16/94	Complete	5/23/94
LLNL-DOE-5820.2A-	CSA-009	Reviewing compliance with DOE - 1/30/95	Yes	Inst	1	II.3.e.(5)	9/12/94	LLNL	
LLNL-DOE-5820.2A-	CSA-015	This statement is now in compliance	Yes	Inst	1	III.3.m.(2)[3]	5/16/94	Complete	5/23/94
LLNL-DOE-5480.13-	STCS-019	Order replaced by 5480.13A - 10/3/94	Yes	Inst	11	7.d.(1)(a) thru 7.d.(2)(i)	9/29/94	Complete	
LLNL-DOE-5610.11-	CSA-018A	These statements are now in compliance	Yes	Inst	7	IX.2.[1] IX.2.[2] IX.3. IX.3.a. IX.3.b. IX.3.c. IX.3.d.	3/17/95	DOE	
LLNL-DOE-5480.5-	STCS-020	Order canceled - 5/20/94		331	2	8.a.[1] 8.d.	9/29/94	Complete	NA
LLNL-DOE-5480.5-	STCS-021	Order canceled - 5/20/94	Yes	331	1	8.f.[3]	9/29/94	Complete	NA
LLNL-DOE-5480.20-	CSA-022A	This statement is now in compliance	Yes	Inst	1	I.14.a.[2]	3/17/95	DOE	
LLNL-DOE-5480.20-	CSA-023	Reinvestigating compliance	Yes	Inst	4	I.15.a.(1) I.15.a.(2) I.15.a.(3) I.15.a.(4)		LLNL	
LLNL-DOE-5500.3A-	CSA-025	This statement is now in compliance	Yes	Inst	1	II.c.(12)(b)3[1]	5/16/94	DOE	
LLNL-DOE-5500.3A-	CSA-026	Reviewing compliance with DOE - 1/30/95	Yes	Inst	2	II.b.(3)[2] II.d.(1)(b)	5/16/94	LLNL	
LLNL-DOE-5480.5-	CSA-027	Order canceled - 5/20/94	Yes	251	1	8.b	9/29/94	Complete	NA
LLNL-DOE-5480.5-	CSA-028	Order canceled - 5/20/94	Yes	251	2	13.b.(17).[1] 13.b.(17).[2]	9/29/94	Complete	NA
LLNL-DOE-5700.6C-	CSA-033B	Superseded by 10 CFR Part 830.120-12/12/94	Yes	251	14	9.b.(1)(a)[1] 9.b.(1)(a)[2] 9.b.(1)(a)[3] 9.b.(1)(b)[2] 9.b.(1)(c)[1] 9.b.(1)(c)[2] 9.b.(1)(c)[3] 9.b.(1)(c)[4]	9/12/94	Complete	

CORRECTIVE ACTIONS COMPLETED

Attachment 4

Request for Approval No.				Comments	Corrective Action Complete	Facility Review Category	No. of States	Statement Numbers	Date Requesting Validation	Loc. of Doc.	Date DOE Validation
Site	Order #	Code									
LLNL-DOE-5820.2A-EX-034				Reinvestigating compliance	Yes	251	4	9.b.(1)(d)[1] 9.b.(2)(c)[1] 9.b.(2)(c)[2] 9.b.(2)(c)[3] 9.b.(2)(d)[1] 9.b.(2)(d)[2] 11.3.b.(1)[1] 11.3.b.(1)[2] 11.3.b.(1)[3] 11.3.b.(3)		LLNL	
LLNL-DOE-5820.2A-CSA-035				These statements are now in compliance	Yes	251	3	11.3.c.(1)[2] 11.3.c.(2) 11.3.i.(5)(d)	5/16/94	Complete	5/23/94
LLNL-DOE-5820.2A-CSA-037B				These statements are now in compliance	Yes	Inst	3	V.3. V.3.a.(3)[1] V.3.a.(3)[2]	5/16/94	Complete	5/23/94
LLNL-DOE-5400.1-CSA-041				Reinvestigating compliance	Yes	Inst	1	IV.10.a.(6)	12/15/94	Complete	
LLNL-DOE-5610.11-CSA-043B				This statement is now in compliance	Yes	Inst	1	1.2.f.(2)(d)	5/16/94	Complete	5/25/94
LLNL-DOE-5610.11-CSA-045B				These statements are now in compliance	Yes	Inst	2	1.4.a.(6)(a) 1.4.a.(6)(b)	5/16/94	Complete	5/25/94
LLNL-DOE-5610.11-CSA-046				These statements are now in compliance	Yes	Inst	7	1.8.b. 1.8.b.(1) 1.8.b.(2) 1.8.b.(3) 1.8.b.(4) 1.8.b.(5) 1.8.c.	5/16/94	Complete	5/25/94
LLNL-DOE-5480.20-CSA-050B				Reviewing compliance with DOE - 1/30/95	Yes	332	1	1.7.h.(2)	6/16/94	LLNL	
LLNL-DOE-5480.20-CSA-052B				This statement is now in compliance	Yes	332	1	IV.2.a.(3)(b)	12/15/94	DOE	
LLNL-DOE-5480.7-STCS-060				To be addressed when 5480.7A assessed	Yes	251	2	10.b.(2) 10.c.(2)	9/12/94	Complete	
LLNL-DOE-5480.10-CSA-062				This statement is now in compliance	Yes	Inst	1	9.d.(1)	5/16/94	Complete	5/23/94
LLNL-DOE-5480.5-CSA-066B				Order canceled - 5/20/94	No	332	4	11.c.(2)(b) 13.b.(13)[2] 13.b.(17)[1] 13.b.(17)[2]	9/29/94	Complete	NA
LLNL-DOE-5820.2A-STCS-068				These statements are now in compliance	Yes	331	3	11.3.i.(5)(a)[2]	5/16/94	Complete	5/23/94

CORRECTIVE ACTIONS COMPLETED

Attachment 4

Request for Approval No.			Comments	Corrective Action Complete	Facility Review Category	No. of States	Statement Numbers	Date Requesting Validation	Loc. of Doc.	Date DOE Validation
Site	Order #	Code								
LLNL-DOE-5480.11-	STCS-	070	This statement is now in compliance	Yes	331	1	III.3.i.(5)(c) III.3.i.(5)(d) 9.m.(1)	5/16/94	Complete	9/30/94
LLNL-DOE-5820.2A-	STCS-	071	This statement is now in compliance	Yes	Inst	1	III.3.m.(2){4}{d}	5/16/94	Complete	5/23/94
LLNL-DOE-5700.6C-	CSA-	073	Superseded by 10 CFR Part 830.120-12/12/94	Yes	331	2	9.b.(1)(c){2}	9/12/94	Complete	
LLNL-DOE-5700.6C-	CSA-	074	Superseded by 10 CFR Part 830.120-12/12/94	Yes	331	2	9.b.(1)(c){3} 9.b.(1)(d){1}	5/16/94	Complete	5/25/94
LLNL-DOE-5700.6C-	CSA-	075B	Superseded by 10 CFR Part 830.120-12/12/94	Yes	331	1	9.b.(1)(d){2}			
LLNL-DOE-5400.5-	CSA-	077	This statement is now in compliance	Yes	Inst	1	9.b.(2)(b){3}	9/12/94	Complete	
LLNL-DOE-5700.6C-	CSA-	078B	Superseded by 10 CFR Part 830.120-12/12/94	Yes	Inst	1	11.3.e.(2){3}	6/16/94	Complete	date
LLNL-DOE-5480.8A-	CSA-	082	This statement is now in compliance	Yes	332	1	9.b.(2)(d){2}		Complete	
LLNL-DOE-5480.8A-	CSA-	083	This statement is now in compliance	Yes	Inst	2	11.g.(9)(b) 11.g.(9)(c)	9/12/94	Complete	3/16/95
LLNL-DOE-5480.8A-	CSA-	083	This statement is now in compliance	Yes	Inst	1	11.i.	8/12/94	Complete	NA

B.5 OAK RIDGE OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

January 1, 1995 - March 31, 1995

**Oak Ridge Operations Standards Management Program
Quarterly Status Report**

I. SUMMARY OF STANDARDS ACTIVITIES

Oak Ridge Operations (ORO). During the quarter, ORO concentrated on the following areas:

- (1) The ORO Manager received Defense Programs (DP) delegation of approval authority for the Martin Marietta Energy Systems, Inc. (Energy Systems) Standards/Requirements Identification Documents (S/RID) and approved the Y-12 S/RID.
- (2) Validating assessment data translated to the new requirements breakdown within the new Standards/Requirements Information Database (STRIDe) and reorganizing the subdivision structure for ease in conducting multiprogram assessments. For status, see A.1 below.
- (3) Working to approve newly and revised contractor Requests for Approval (RFA) and close out both contractor and federal RFAs.
- (4) Working to integrate the adherence-based assessment process with ongoing audit and assessment programs. A team including representatives from the Directives Management Group, Contracting Officer's Representatives, and Assistant Manager for Environment, Safety, and Quality have been meeting weekly to develop a recommended integrated assessment program. The team has developed a concept paper that is currently being sent out for management review, and in parallel, the team is drafting local guidance for implementation.
- (5) The ORO concept paper on federal S/RIDs has been included into our local guidance document ORIG 1300.X1A which is in draft review.
- (6) The ORO/Energy Systems concept papers on facility S/RIDs and on the S/RID review and revision process have been incorporated in the ORO's local guidance document ORIG 1300.X1A which is in draft review.
- (7) Working to ensure smooth integration of the Price Anderson Amendment Act (PAAA) program into the overall ORO standards management system and processing PAAA implementation plans.

Martin Marietta Energy Systems, Inc. Y-12 continues its efforts to institutionalize the compliance process. Y-12 personnel completed programmatic assessments on the Environment, Safety, Health, and Quality Assurance (ESH&QA) standards and laws that were not already assessed through order compliance activities. Energy Systems continues developing RFA corrective actions and submitting closure requests as compliance is achieved.

MK-Ferguson of Oak Ridge Company (MK-F). MK-F has begun development of its S/RID and has completed the first set of roles and responsibilities for the pilot.

MK-F continues to implement RFA corrective actions and submit requests for closure.

A. ASSESSMENTS

1. Oak Ridge Operations. ORO is validating the federal assessment data that has been mapped to the new STRIDe requirements breakdown. Validations include reorganizing the material into "ORO-wide" and programmatic sections that identify differences from the ORO-wide assessment. It also includes an editorial scrub to eliminate assessment redundancy resulting from the roll up of requirements. It is taking longer than expected because the Safety and Health Division, which has the bulk of the assessments, is tied up with the Y-12 restart activities.
2. Martin Marietta Energy Systems, Inc. The facilities are scheduled to complete their assessments of the key and critical requirements of the Y-12 S/RIDs by January 1, 1996.

The Y-12 Plant continues to complete and close out Request for Approval actions. As a result, the programmatic compliance status has been increased from 69 percent at the time the baseline was established to a current rate of 82 percent.

The Y-12 Plant continues to maintain the initial site assessments for the key and critical requirements identified in the S/RIDs and for those associated with the orders of interest to the Defense Nuclear Facilities Safety Board. This maintenance effort includes updating the compliance database to reflect a major overhaul of the Y-12 procedure system. This overhaul is causing procedures to be revised at a rate approximately 10 times that which normally occurs.

Finally, the Y-12 Plant continues to use the results of the DOE surveillance program to provide additional adherence-based assessment data against these requirements. A series of detailed walkdowns is being performed in order to execute a readiness assessment to restart Y-12's nuclear facilities. The Y-12 Plant is gearing up to use the results of these walkdowns as part of their 1995 adherence-based assessment plan. Additional staffing is being added to allow a more focused management of this process.

3. MK-Ferguson of Oak Ridge Company. MK-F managers continue to validate and update the assessment data that was translated to the new STRIDe breakdown.

B. STANDARDS/REQUIREMENTS INFORMATION DATABASE

1. Oak Ridge Operations. ORO is leading a team that is researching options for STRIDe connectivity between MMES, MK-Ferguson, and ORO.
2. Martin Marietta Energy Systems, Inc. The Y-12 Plant continues to maintain its assessment information on a local system until STRIDe 2.0 is released. It is expected that STRIDe 2.0 will include the necessary functionality Y-12 requires, S/RID and adherence assessment maintenance, and Y-12 will migrate to STRIDe 2.0 upon its release.
3. MK-Ferguson of Oak Ridge Company. MK-F is providing 1.5 FTEs to support TRESP's development of STRIDe, version 2.0.

C. REQUESTS FOR APPROVAL STATUS

1. Oak Ridge Operations. Three approved Compliance Schedule Approvals (CSAs) remain open and are currently scheduled for completion by December 31, 1995. ORO has received notification from DP and NN Headquarters regarding the two exemption requests that were previously submitted. Headquarters has informed us that the compliance status for these two requirements should be changed to full compliance.
2. Martin Marietta Energy Systems, Inc. During the time period covered by this report, ten new or revised RFAs were submitted to DOE for approval. Twenty RFAs were closed or canceled.
3. MK-Ferguson of Oak Ridge Company. MK-F continues to prepare RFAs for noncompliances found in self-assessments and DOE appraisals.

D. STANDARDS/REQUIREMENTS IDENTIFICATION DOCUMENTS

1. Oak Ridge Operations. ORO, MMES, and MK-F continue to integrate Standards Management and the use of S/RIDs in ongoing audits and appraisals.
2. Martin Marietta Energy Systems, Inc. The facilities are scheduled to complete their assessments of the key and critical requirements of the Y-12 S/RIDs by January 1, 1996. As part of this process, the facilities will identify any additional standards that are necessary for their facility S/RID.
3. MK-Ferguson of Oak Ridge Company. See ORO above.

II. SCHEDULE CHANGES

The Y-12 S/RIDs will continue to be updated as new standards are created or revised. These S/RIDs will be revised as Phase I facility assessments are completed.

The Y-12 Plant has completed the site-level programmatic assessments for ESH&QA requirements of the initial S/RIDs. These assessments are being validated by ORO.

Y-12 is moving forward with integrating the S/RID Phase II assessments into the ongoing assessment process.

III. ISSUES AND CONCERNS

None.

B.6 SAVANNAH RIVER OPERATIONS OFFICE

90-2 QUARTERLY STATUS REPORT

January 1, 1995 - March 31, 1995

90-2 Quarterly Status Report

Section I

1. Savannah River Site
2. Quarterly Report
3. January through March 1995
4. ORDERS OF INTEREST TO THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD (DNFSB)

DOE Savannah River Operations Office (SR)

SR has completed assessments for the Orders that are of interest to the DNFSB in the 6/2/93 Module with the exception of DOE 5480.28, "Natural Phenomena Hazards Mitigation," and DOE 5480.31, "Startup and Restart of Nuclear Facilities." DOE 5480.28 cannot be assessed until applicable standards are issued.

There are 3 Exemptions (EXs) submitted and approved.

There are 2 Orders in the 6/2/93 Module which do not apply to SR. These are DOE 5480.25, "Safety of Accelerator Facilities," and DOE 5480.30, "Nuclear Reactor Safety Design Criteria."

Westinghouse Savannah River Company (WSRC)

WSRC has completed sitewide assessments for the Orders that are of interest to the DNFSB in the 6/2/93 Module with the following exceptions.

The following Order has been superseded for nuclear facilities by DOE 5480.23, "Nuclear Safety Analysis Reports":

DOE 5481.1B, "Safety Analysis and Review System"

The following Order assessment cannot be completed until one additional standard invoked by the Order is issued:

DOE 5480.28, "Natural Phenomena Hazards Mitigation"

The following Order will not have a sitewide assessment performed. This Order is assessed on a facility-specific basis only. The schedule for submittal will coincide with the SR facility startup/restart schedule.

90-2 Quarterly Status Report

DOE 6430.1A, "General Design Criteria"

There are 38 Compliance Schedule Approvals (CSAs) submitted for approval with 38 currently approved. There are 40 EXs submitted for approval with 30 currently approved. There are 4 Implementation Plans (IPs) submitted with 1 approved (DOE 5700.6C, "Quality Assurance"). The IPs for DOE 5480.22, "Technical Safety Requirements" and DOE 5480.23, "Nuclear Safety Analysis Reports" have been approved for HB-Line, Tank Farms, and In-Tank Processing Facilities. The IP for DOE 5480.24, "Nuclear Criticality Safety," has been approved for HB-Line, FB-Line, F-Canyon, and High Level Waste Facilities.

Wackenhut Services, Incorporated (WSI)

WSI has completed assessments for the Orders that are of interest to the DNFSB in the 6/2/93 Module.

The following Orders are not applicable to WSI:

DOE 1300.2A,	"Department of Energy Technical Standards Program"
DOE 1540.2,	"Hazardous Material Packaging for Transport-Administrative Procedures"
DOE 1540.3A,	"Base Technology for Radioactive Material Transportation Packaging Systems"
DOE 5480.11,	"Radiation Protection for Occupational Workers"
DOE 5480.15,	"Department of Energy Laboratory Accreditation Program for Personnel Dosimetry"
DOE 5480.18A,	"Accreditation of Performance-Based Training for Category A Reactors and Nuclear Facilities"
DOE 5480.22,	"Technical Safety Requirements"
DOE 5480.23,	"Nuclear Safety Analysis Reports"
DOE 5480.6,	"Safety of Department of Energy-Owned Reactors"
DOE 5820.2A,	"Radioactive Waste Management"
DOE 6430.1A,	"General Design Criteria"

a. Assessment

b. Compliance Assessment Information Database Status

SR maintains current compliance information in a locally developed system, but does not transmit this information to DOE Headquarters (HQ). WSRC is currently evaluating options for maintaining their information.

90-2 Quarterly Status Report

WSI currently uses a locally developed tracking database but is working to bring Standards Requirements Identification Database (STRIDE) on-line via its local area network which will allow WSI review proponents to become available through STRIDE. WSI-SRS is considering the use of a Self-Assessment Requirements Card (SARC) to prepare assessments electronically. WSI also downloads applicable DOE Orders to aid in assessments as they capture the results of Phase 1 (Administrative) and Phase 2 (Performance based) assessments. WSI-SRS is exploring the possibility that the SARC could be used to replace the five forms currently used to report Directives Compliance Assessments. Also being explored is the possibility that the SARC could be used to complement STRIDE's data collection forms. The full potential of this effort will only be realized, however, if other source directives (i.e., Directive Implementation Instructions [DII], Compliance Review Form [CRF]) are available via STRIDE.

c. Request for Approval (RFA) Status

See attached pages.

5. Issues or Concerns - None.
6. Schedule Changes - None.

SECTION II intentionally not included

90-2 Quarterly Status Report

Section III

1. Savannah River Site (SRS)
2. Quarterly Report
3. January through March 1995
4. **SRS 90-2 PROGRAM ACTIVITIES**

WSRC has forwarded to SR a total of 11 predecisional draft Site Functional Area Standards/Requirements Identification Documents (S/RIDs).

The Defense Waste Processing Facility (DWPF) S/RID has been approved by the DOE Principal Assistant Secretary for Environmental Management, EM-1, for use as the environment, safety, and health regulatory baseline document for DWPF operations and activities. The DWPF S/RID will be integrated into the site S/RID program once the final site S/RID is forwarded to DOE (scheduled for March 31, 1995) and approved.

5. Issues or Concerns - None.
6. Schedule Changes - None.

90-2 Quarterly Status Report

Section IV

1. Savannah River Site
2. Quarterly Report
3. January through March 1995
4. REQUEST FOR APPROVAL (RFA) STATUS

See attached report.

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 4330.4B-CSA-94-117	Maintenance Program Administration Noncompliances, 6/30/94	09/02/94	10/06/94
SRS-DOE- 4700.1-CSA-50	Compliance with Project Management Requirements, Rev. 1, 10/31/91	09/26/91	12/03/91
SRS-DOE- 5480.19-CSA-55	Quality and Uniformity of Operations.		11/19/91
SRS-DOE- 5480.19-CSA-94-103	SWMD Noncompliance to DOE 5480.19, 1/17/94	06/07/94	03/02/95
SRS-DOE- 5480.22-CSA-93-015	Programmatic Compliance with DOE 5480.22, 9/15/93	11/16/93	12/16/93
SRS-DOE- 5480.22-EX-93-008	Develop TSRs for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.22-EX-93-009	Develop TSRs for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.22-IP-93-002	Develop TSRs for Nuclear Facilities, Rev. 4, 11/10/93	11/16/93	12/16/93
SRS-DOE- 5480.23-CSA-93-016	Programmatic Compliance with DOE 5480.23, 09/15/93	11/16/93	12/16/93
SRS-DOE- 5480.23-EX-93-003	Develop SAR for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.23-EX-93-004	Develop SAR for Each Nuclear Facility, Rev. 3, 10/27/93	11/16/93	06/21/94
SRS-DOE- 5480.23-IP-93-003	Develop SAR for Each Nuclear Facility, 11/10/93	11/16/93	12/16/93
SRS-DOE- 5480.24-IP-93-004	Nuclear Criticality Safety Implementation Plan, Rev. 5, 12/7/93	12/13/93	12/15/93
SRS-DOE- 5480.30-EX-94-122	Need Upgraded SAR Establishing Nuclear Safety Design Criteria, 8/31/94	11/11/94	
SRS-DOE- 5480.4-EX-1	Environmental Protection, Safety, and Health Protection Standards, 9/13/91, Rev.1	09/03/91	11/24/92
SRS-DOE- 5480.4-EX-4	Absence of Automatic Sprinklers, 10/16/92	10/16/92	02/16/93
SRS-DOE- 5480.7-CSA-111	Security Door Does Not Comply with Fire Protection Requirements, 6/15/92		09/20/93
SRS-DOE- 5480.7-CSA-31	Compliance with Improved Risk, 8/14/92	11/24/92	01/11/93

- * The corrective actions associated with this RFA have been verified as complete; this RFA will be removed from this report in the next revision.
- # This RFA has been replaced or superseded by another RFA; it will be removed from this report in the next revision.
- @ This RFA has been determined unnecessary and will be removed from this report in the next revision.
- & This RFA was returned by HQ for approval by the Manager, SR.
- ! This RFA was rejected by HQ; it will be removed from this report in the next revision.

DOE RFA STATUS

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROV
SRS-DOE- 5480.18A-EX-05	Accreditation of Performance Based Training, Rev. 2	02/14/94	04/19/94
SRS-DOE- 5480.4-EX-4	Absence of Automatic Sprinklers, 10/16/92	10/16/92	02/16/93
SRS-DOE- 5630.11-EX-1	Safeguards and Security Approval Authority	05/17/91	09/16/91

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5480.7-EX-10	Building 717-10N Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-12	Building 704-IT Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-14	Building 670-T Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-16	Building 704-T Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-17	Building 701-1H Control Room Automatic Fire Supression System	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-18	Building 221-S Drain Catch Tank Area	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-19	Building 221-S Fire Dampers	09/03/91	12/09/92
SRS-DOE- 5480.7-EX-20	Building 221-S Windowless Structure	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-22	Building 980-S Isolation Valve	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-23	Building 221-S Enclosed Exit Stairwells	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-25	Building 221-S Hazardous Location	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-26	Building 221-S Windowless Structure	09/03/91	11/24/92
SRS-DOE- 5480.7-EX-27	Building 704-3B Dead End Corridor	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-28	Building 232-H Stairwell, Electrical Cable Trays	09/03/91	08/03/92
SRS-DOE- 5480.7-EX-29	Building 233-H Blank Wall Installation	12/18/92	02/12/93
SRS-DOE- 5480.7-EX-29A	Replacement Tritium Facility Property Damage Limitation	05/16/91	02/12/93
SRS-DOE- 5480.7-EX-30	Building 233-H Stairway Width	09/03/91	10/13/92
SRS-DOE- 5480.7-EX-37	Building 184-K Automatic Fire Protection System	09/03/91	07/20/92

- * The corrective actions associated with this RFA have been verified as complete; this RFA will be removed from this report in the next revision.
- # This RFA has been replaced or superseded by another RFA; it will be removed from this report in the next revision.
- @ This RFA has been determined unnecessary and will be removed from this report in the next revision.
- & This RFA was been returned by HQ for approval by the Manager, SR.
- ! This RFA was rejected by HQ; it will be removed from this report in the next revision.

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5480.7-EX-38	Building 184-P Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-39	Building 484-D Property Damage Limitation	09/03/91	07/20/92
SRS-DOE- 5480.7-EX-40	Building 704-3B Dead End Corridor	09/03/91	07/20/92
SRS-DOE- 5480.7A-CSA-032	Fire Protection Corrections for 221-HB-Line Facility, Rev. 3a, 12/28/93	12/27/93	01/03/94
SRS-DOE- 5480.7A-CSA-110	Fire and Related Perils Protection Program, 8/10/93	11/22/93	12/10/93
SRS-DOE- 5480.7A-CSA-93-026	Fire Protection Corrections for F-Canyon, Rev. 4, 08/01/94	08/04/94	09/05/94
SRS-DOE- 5480.7A-CSA-93-065	Fire Protection Corrections for 292-F, Rev.3 , 8/01/94	08/04/94	09/05/94
SRS-DOE- 5480.7A-EX-102	Excessive Common Path of Travel, FB-Line Cold Feed Prep, Rev. 1, 11/24/93	12/08/93	03/02/94
SRS-DOE- 5480.7A-EX-94-080 †	Fire Protection and Related Perils Protection Program, 6/09/94	10/31/94	
SRS-DOE- 5480.7A-EX-94-082 †	Comprehensive Fire Protection Plan, 6/30/94	10/31/94	
SRS-DOE- 5480.7A-EX-94-084 †	Comprehensive Fire Protection Plan, 6/30/94	10/31/94	
SRS-DOE- 5480.7A-EX-94-086 †	Width of Exit Access Corridors, 7/10/94	10/31/94	
SRS-DOE- 5480.7A-EX-94-091 †	Discharge of 2-hr Rated Stairwell, 7/08/94	10/31/94	
SRS-DOE- 5480.7A-EX-94-125	Fire protection and Related Perils Protection Program, 10/24/94	01/25/95	
SRS-DOE- 5480.7A-EX-94-128	Continuous Deionization System Facilities, 09/08/94, Rev. 0	01/20/95	
SRS-DOE- 5480.8-EX-5	Periodic Health Examinations	09/30/91	12/03/91
SRS-DOE- 5480.8A-CSA-93-028	Medical Program: Employee Baseline Electrocardiograms, 10/28/93	11/22/93	12/15/93
SRS-DOE- 5483.1A-CSA-93-089	Occupational Safety and Health; OSHA Training, Rev. 1, 12/9/93	12/13/93	12/16/93

- * The corrective actions associated with this RFA have been verified as complete; this RFA will be removed from this report in the next revision.
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- @ This RFA has been determined unnecessary and will be removed from this report in the next revision.
- & This RFA was returned by HQ for approval by the Manager, SR.
- ! This RFA was rejected by HQ; it will be removed from this report in the next revision.

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5500.1B-CSA-93-086	Hazards Assessment and Emergency Action Levels, Rev.1, 05/13/94		10/06/94
SRS-DOE- 5500.2B-CSA-93-072	DOE/Emergency Operations Center (EOC) Communications Capability, 12/09/93	12/09/93	12/15/93
SRS-DOE- 5500.2B-CSA-93-076	Hazards Assessment and Emergency Action Levels, 12/03/93	08/05/94	10/06/94
SRS-DOE- 5500.3-CSA-9	Site and Facility/Area Level Emergency Plans, Rev. 1, 5/24/91	07/25/91	10/03/91
SRS-DOE- 5500.3A-CSA-175B	Savannah River Site Emergency Plan, 10/06/93	10/05/93	10/06/93
SRS-DOE- 5500.3A-CSA-176C	Hazards Assessments, 6/2/94	05/27/94	10/19/94
SRS-DOE- 5500.3A-CSA-188B	Emergency Action Levels (EALs), 10/6/93	10/05/93	10/06/93
SRS-DOE- 5500.3A-CSA-93-001	Hazards Assessment of FB-Line and the PSF, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-002	Emergency Action Levels Based on Hazards Assessment, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-005	Hazards Assessment of F-Canyon and Outside Facilities, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-006	Emergency Action Levels Based on Hazards Assessment, Rev. 1, 12/17/93	01/18/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-007	Personnel Accountability, 3/30/94, Rev. 2	04/01/94	06/02/94
SRS-DOE- 5500.3A-CSA-93-021	Self-Assessment Program, Rev. 1, 12/13/93	12/13/93	12/15/93
SRS-DOE- 5500.3A-CSA-93-024	Emergency Planning Zones, Rev. 1, 12/17/93	01/12/94	03/11/94
SRS-DOE- 5500.3A-CSA-93-073	Hazards Assessments to Determine the Size of the EPZ, Rev.2, 5/13/94	08/05/94	10/06/95
SRS-DOE- 5500.3A-CSA-93-074	Accountability for all Facility Personnel, 12/06/93	12/09/93	12/15/93
SRS-DOE- 5500.3A-CSA-93-078	Emergency Planning Zones, Rev. 1, 12/17/93	01/12/94	03/11/94
SRS-DOE- 5500.3A-CSA-94-127	Job Task Analysis for Site and Area ERO Positions, 6/10/94	06/20/94	07/11/94

- * The corrective actions associated with this RFA have been verified as complete; this RFA will be removed from this report in the next revision.
- # This RFA has been replaced or superseded by another RFA; it will be removed from this report in the next revision.
- @ This RFA has been determined unnecessary and will be removed from this report in the next revision.
- & This RFA was been returned by HQ for approval by the Manager, SR.
- ! This RFA was rejected by HQ; it will be removed from this report in the next revision.

RFA NUMBER	TITLE	DATE TO HQ	HQ APPROVAL
SRS-DOE- 5500.7A-CSA-17	Emergency Operating Records Protection Program	11/12/91	11/19/91
SRS-DOE- 5630.11-EX-1	Safeguards and Security Approval Authority	05/17/91	09/16/91
SRS-DOE- 5700.6C-IP	Implementation Plan for DOE 5700.6C, Rev. 2, 4/21/94	04/04/94	08/05/94
SRS-DOE- 5820.2A-CSA-93-067	Low Level Waste (LLW) Management, Ch. III, Rev. 6, 3/29/94	06/24/94	08/05/94
SRS-DOE- 5820.2A-CSA-93-068	Low Level Waste Management, Rev.4, 9/20/94	06/24/94	09/13/94
SRS-DOE- 5820.2A-CSA-93-069	Transuranic (TRU) Waste Management, Ch. II, Rev. 4, 3/29/94	06/10/94	07/20/94
SRS-DOE- 5820.2A-CSA-93-095	Transuranic (TRU) Waste Management, Ch. II, Rev. 2	06/10/94	07/20/94
SRS-DOE- 5820.2A-CSA-93-098	Transuranic (TRU) Waste Management- Ch. II, Rev. 1, 2/28/94	03/31/94	09/15/94
SRS-DOE- 5820.2A-EX-94-114	Prevention of Restarts Following Loss and Recovery of Normal Electrical Power	09/06/94	
SRS-DOE- 5820.2A-EX-94-115 @	Groundwater or Vadose Zone Monitoring Wells, 07/27/94	09/06/94	

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