

Sean Sullivan, Chairman  
Bruce Hamilton, Vice Chairman  
Jessie H. Roberson  
Daniel J. Santos  
Joyce L. Connery

ARCHIVE: 2017-100-088 Rec 12-2 Update Letter

**DEFENSE NUCLEAR FACILITIES  
SAFETY BOARD**

Washington, DC 20004-2901



The Honorable James Richard Perry  
Secretary of Energy  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, DC 20585-1000

Dear Secretary Perry:

The Defense Nuclear Facilities Safety Board has evaluated the Department of Energy's progress on Board Recommendation 2012-2, *Hanford Tank Farms Flammable Gas Safety Strategy*.

On December 27, 2016, we received a letter stating that DOE expected to complete Deliverable 3-1 of Board Recommendation 2012-2 in the fourth quarter of calendar year 2017. Deliverable 3-1 "provide[s] SS [safety-significant] annulus level detectors in each of the DST [double-shell tank] annuli where the flammable gas hazard exists." Our staff recently reviewed the design of the new wireless instrumentation system associated with this deliverable. The approach described in site documentation should adequately transmit safety-related information from the tank farms to tank farm control stations.

We continue to follow DOE's progress towards executing Deliverables 2-2 and 2-3, which together encompass the installation of safety-significant DST ventilation flow monitors, and approval of the corresponding safety basis amendment. DOE's latest implementation plan, dated March 24, 2016, states that it will complete these deliverables by the second and fourth quarters, respectively, of fiscal year 2018.

Yours truly,

Sean Sullivan  
Chairman

c: Mr. Joe Olencz

**AFFIRMATION OF BOARD VOTING RECORD**

**SUBJECT: Rec 12-2 Update Letter**

**Doc Control#2017-100-088**

The Board, with Board Member(s) Sean Sullivan, Bruce Hamilton, Jessie H. Roberson, Joyce L. Connery *approving*, Board Member(s) none *disapproving*, Board Member(s) none *abstaining*, and Board Member(s) Daniel J. Santos *not participating*, have voted to approve the above document on October 17, 2017.

The votes were recorded as:

	APRVD	DISAPRVD	ABSTAIN	NOT PARTICIPATING*	COMMENT	DATE
Sean Sullivan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/16/17
Bruce Hamilton	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/16/17
Jessie H. Roberson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/17/17
Daniel J. Santos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10/17/17
Joyce L. Connery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/16/17

\*Reason for Not Participating:

This Record contains a summary of voting on this matter together with the individual vote sheets, views and comments of the Board Members.

  
 Assistant Executive Secretary to the Board

Attachments:

1. Voting Summary
2. Board Member Vote Sheets

cc: Board Members  
 OGC  
 OGM Records Officer  
 OTD

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD**  
**NOTATIONAL VOTE RESPONSE SHEET**

**FROM:** Sean Sullivan

**SUBJECT:** Rec 12-2 Update Letter

**Doc Control#**2017-100-088

Approved   X                        Disapproved                             Abstain       

Recusal – Not Participating       

**COMMENTS:**      Below             Attached             None   X  



Sean Sullivan

10/16/17

Date

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD  
NOTATIONAL VOTE RESPONSE SHEET**

**FROM: Bruce Hamilton**

**SUBJECT: Rec 12-2 Update Letter**

**Doc Control#2017-100-088**

**Approved   X                        Disapproved                             Abstain**

**Recusal – Not Participating**

**COMMENTS:            Below                   Attached                   None   X**

  
**Bruce Hamilton**

16 OCT 2017  
**Date**

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD**  
**NOTATIONAL VOTE RESPONSE SHEET**

**FROM:** Jessie H. Roberson

**SUBJECT:** Rec 12-2 Update Letter

**Doc Control#**2017-100-088

**Approved**

**Disapproved**

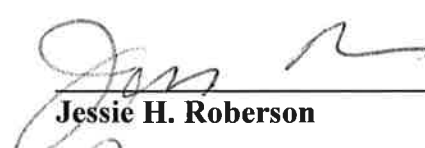
**Abstain**

**Recusal – Not Participating**

**COMMENTS:**

**Below**  **Attached**

**None**

  
\_\_\_\_\_  
**Jessie H. Roberson**  
Oct 17, 2017  
\_\_\_\_\_  
**Date**

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD**  
**NOTATIONAL VOTE RESPONSE SHEET**

**FROM:** Daniel J. Santos

**SUBJECT:** Rec 12-2 Update Letter

**Doc Control#**2017-100-088

**Approved** \_\_\_\_\_ **Disapproved** \_\_\_\_\_ **Abstain** \_\_\_\_\_

**Recusal – Not Participating**   X  

**COMMENTS:** **Below** \_\_\_\_\_ **Attached** \_\_\_\_\_ **None** \_\_\_\_\_



**Daniel J. Santos**

**Date**

10/17/17

**DEFENSE NUCLEAR FACILITIES SAFETY BOARD**  
**NOTATIONAL VOTE RESPONSE SHEET**

**FROM:** Joyce L. Connery

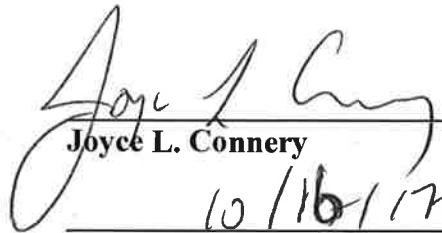
**SUBJECT:** Rec 12-2 Update Letter

**Doc Control#**2017-100-088

**Approved**  **Disapproved**  **Abstain**

**Recusal – Not Participating**

**COMMENTS:** **Below**  **Attached**  **None**

  
\_\_\_\_\_  
**Joyce L. Connery**  
10/16/17  
\_\_\_\_\_  
**Date**