

APPENDIX 4

REQUEST FOR BOARD ACTION BY A BOARD MEMBER

Requester: _____ **Chairman Hamilton** _____ October 9, 2019

Brief description of Requested Action:

The Board approves the attached letter to Secretary Perry.

Attachments (init) ____

Summarize any time sensitive considerations:

Requestor signature _____ **On file** _____ October 9, 2019

Assistant Executive secretary _____ October 9, 2019

	APRVD	DISAPRVD	ABSTAIN	NOT PARTICIPATING	COMMENT	DATE
Bruce Hamilton	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Jessie H. Roberson	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Joyce L. Connery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Final Disposition Summary

Executive Secretary signature _____ **On file** _____ October 9, 2019

Bruce Hamilton, Chairman
Jessie H. Roberson
Joyce L. Connery

**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:

We received the Department's letter dated September 10, 2019 rejecting Board Recommendation 2019-2, *Safety of Savannah River Site Tritium Facilities*.

In accordance with § 2286d(e) of the Atomic Energy Act, following the rejection of a recommendation, the Board "shall either reaffirm its original recommendation or make a revised recommendation and shall notify the Secretary of its action." As part of our review of the September 10, 2019 rejection of Recommendation 2019-2, we accept the Department's offer to brief us regarding DOE/NNSA's actions.

Pursuant to the Government in the Sunshine Act, we will conduct a public meeting at our Washington, DC headquarters to receive this briefing on one of the following dates: October 21, 22, 24, 28, or 29. We are interested in the Department's basis for rejecting Recommendation 2019-2 and actions to ensure adequate protection of the health and safety of the public and the workers.

We request the briefing address the specific topics outlined in the enclosure to this letter. Pursuant to 42 U.S.C. § 2286b(d), we request you confirm, by October 16, 2019, that you or your representative(s) will provide the briefing on one of the dates provided above.

We will post the agenda for the public meeting on our web page, <http://www.dnfsb.gov>, and we will update the agenda as we finalize preparations for the meeting. Your staff may contact our Technical Director, Mr. Christopher Roscetti, should you have any questions or to make the necessary arrangements for your attendance or that of your representative(s).

Yours truly,

Bruce Hamilton
Chairman

Enclosure

c: Mr. Joe Olencz

Enclosure

The Board requests the following topics be addressed during the briefing:

- The decision to reject Recommendation 2019-2 as it relates to DOE Order 140.1, *Interface with the Defense Nuclear Facilities Safety Board*. DOE Order 140.1 included a new definition of public health and safety that was limited to “health and safety of individuals located beyond the site boundaries of DOE sites with DOE Defense Nuclear Facilities.” In addition, the Board is interested in understanding the Department’s basis for accepting Recommendation 2019-1, *Uncontrolled Hazard Scenarios and 10 CFR 830 Implementation at the Pantex Plant*, and rejecting Recommendation 2019-2.
- The high consequences to workers for an energetic accident at the Tritium Facilities, including DOE/NNSA’s basis for accepting this risk. To the Board’s knowledge, the cited documents in DOE/NNSA’s response do not reduce the dose consequences for co-located workers to acceptably low levels.
- Compensatory measures to reduce the risk of an energetic accident at the Tritium Facilities to acceptably low levels. DOE/NNSA has not identified compensatory measures that adequately reduce worker consequences for all accident scenarios.
- DOE/NNSA commitments to approve, fund, and execute strategies to address the risk associated with energetic accident scenarios at the Tritium Facilities, including modifications to existing controls and identification of new controls. The proposed long-term improvements, including the Tritium Finishing Facility, are contingent on funding and may not fully prevent high-dose worker consequences.
- The readiness of the site to respond to an energetic accident at the Tritium Facilities involving a significant number of workers with potential uptakes of tritiated water vapor. This should include any plans or actions taken to improve or demonstrate readiness for such a scenario. The 2018 annual site exercise cited in DOE/NNSA’s response did not demonstrate this capability.

AFFIRMATION OF BOARD VOTING RECORD

SUBJECT: RFBA by Chairman Hamilton to Approve the Attached Letter to Secretary Perry

Doc Control#: 2020-100-0002

The Board acted on the above document on 10/10/2019. The document was Approved.

The votes were recorded as:

	APRVD	DISAPRVD	ABSTAIN	NOT PARTICIPATING	COMMENT	DATE
Bruce Hamilton	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/10/2019
Jessie H. Roberson	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/09/2019
Joyce L. Connery	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10/09/2019

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

Nicholas Moore

Executive Secretary to the Board

Attachments:

1. Voting Summary
2. Board Member Vote Sheets

DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

FROM: Bruce Hamilton

SUBJECT: RFBA by Chairman Hamilton to Approve the Attached Letter to Secretary Perry

Doc Control# 2020-100-002

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

Recusal – Not Participating

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


Bruce Hamilton

10 OCT 2019
Date

DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET


FROM: Jessie Roberson


SUBJECT: RFBA by Chairman Hamilton to Approve the Attached Letter to Secretary Perry

Doc Control#2020-100-002

Approved **Disapproved** _____ **Abstain** _____
Recusal – Not Participating _____

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



Jessie Roberson


Date

DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

FROM: Joyce L. Connery


SUBJECT: RFBA by Chairman Hamilton to Approve the Attached Letter to Secretary Perry

Doc Control#2020-100-002

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

Recusal – Not Participating

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


Joyce L. Connery
October 9, 2019
Date