

APPENDIX 4

REQUEST FOR BOARD ACTION BY A BOARD MEMBER

Requester: _____ Jessie Roberson _____ August 27, 2019

Brief description of Requested Action:

I request the Board approve the attached agenda for the Board visit to Y-12 scheduled for October 1-2 of 2019.

Attachments (init) JHR__

Summarize any time sensitive considerations:

Requestor signature _____ JHR _____ August 27, 2019

Executive secretary _____ on file _____ August 29, 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 _____ August 8, 2019

DNFSB A G E N D A

BOARD VISIT TO Y-12 NATIONAL SECURITY COMPLEX AND OAK RIDGE NATIONAL LABORATORY

Proposed Date: October 1–2, 2019

Participants: Mr. Bruce Hamilton, DNFSB Chairman
Ms. Jessie Roberson, DNFSB Member
Ms. Joyce Connery, DNFSB Member
Ms. Casey Blaine, DNFSB Acting General Counsel
Mr. Christopher Roscetti, DNFSB Technical Director
Mr. Todd Davis, DNFSB Tech Staff
Mr. Matthew Duncan, DNFSB Resident Inspector
Mr. Brandon Weathers, DNFSB Resident Inspector

Objectives: Discuss the National Nuclear Security Administration (NNSA) approach to oversight of nuclear criticality safety at Y-12 National Security Complex (Y-12) and the corrective actions from uranium accumulation events. Walk down Y-12 defense nuclear facilities.

Discuss Oak Ridge Office of Environmental Management (OREM) plans for U-233 processing and walk down Building 2026.

Agenda: Field observations are intended to be informal and not to interfere with ongoing programs or activities. Schedule and duration of field activities are tentative and may be adjusted based on facility operations.

Tuesday, October 1, 2019		
Time	Topic	Notes
10:45 – 11:00	Y-12—Badging and TLD Pickup (New Hope Center)	
11:15 – 12:30	Y-12—Lunch (Jack Case Center)	
12:30 – 12:45	Y-12—Security Protocol (Jack Case Center)	
1:00 – 3:00	Y-12—Walk Down Building 9212 Uranium Accumulation Events <ul style="list-style-type: none">• Reduction• Casting• Ultrasonic Chip Cleaning• Holden Gas Furnace	
3:15 – 4:30	Y-12—Walk Down Building 9215 <ul style="list-style-type: none">• Machining operations• Chip collection and storage• Electrorefining	

Tuesday, October 1, 2019		
Time	Topic	Notes
	<ul style="list-style-type: none"> • Direct Chip Melt 	
Depart Y-12 – End of Day		

Wednesday, October 2, 2019		
Time	Topic	Notes
8:00 – 9:30	<p>Y-12—NNSA Perspective of Nuclear Criticality Safety at Y-12 (Jack Case Center)</p> <ul style="list-style-type: none"> • NNSA/NPO approach to oversight of <ul style="list-style-type: none"> ○ Overall criticality safety program ○ Implementation of criticality safety requirements for existing operations ○ Implementation of criticality safety requirements for process modifications/mission changes ○ CNS criticality safety staffing ○ CNS prioritization of criticality safety resources • NPO oversight roles and responsibilities for subject matter experts and facility representatives • NPO oversight staffing • Impact of mission changes on approach to criticality safety • Actions taken to address specific feedback from the Board’s July 25, 2019 letter and external reviews <p>Note: discussion with federal staff only.</p>	
9:30 – 11:00	<p>Y-12—Nuclear Criticality Safety at Y-12 (Jack Case Center)</p> <ul style="list-style-type: none"> • CNS nuclear criticality safety staffing • Nuclear criticality safety priorities including focus on production activities versus criticality safety improvements • Interface between operations and criticality safety • Interfaces between criticality safety and other groups • Accumulation events <ul style="list-style-type: none"> ○ Extent of condition reviews and results ○ Corrective actions ○ Nuclear Material Stewardship initiative ○ Sustainment of corrective actions 	
11:00	Depart Y-12, Travel to Oak Ridge National Laboratory (ORNL)	
11:15 – 12:30	ORNL Cafeteria—Lunch	

Wednesday, October 2, 2019

Time	Topic	Notes
12:45 – 2:30	OREM—Walkdown and Discussion of U-233 Processing Activities at Building 2026 <ul style="list-style-type: none">• Oak Ridge Oxide Processing (OROP) Campaign<ul style="list-style-type: none">○ Implementation of controls○ Approach to criticality safety• Initial Processing Campaign<ul style="list-style-type: none">○ Impact due to the OROP Campaign○ Future processing challenges	
Depart ORNL – End of Day		

AFFIRMATION OF BOARD VOTING RECORD

SUBJECT: RFBA by Board Member Roberson to Approve Agenda for the Board Visit to Y-12 Oct 1-2 2019

Doc Control#: 2019-300-0049

The Board acted on the above document on 09/03/2019. The document was Approved.

The votes were recorded as:

	APRVD	DISAPRVD	ABSTAIN	NOT PARTICIPATING	COMMENT	DATE
Bruce Hamilton	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	09/03/2019
Jessie H. Roberson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	09/03/2019
Joyce L. Connery	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	09/03/2019

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 Board Member Roberson to Approve Agenda for the Board Visit to Y-12 Oct 1-2
2019

Doc Control#: 2019-300-0049

DATE: 09/03/2019

VOTE: Approved

COMMENTS:

None

Bruce Hamilton

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

NOTATIONAL VOTE RESPONSE SHEET

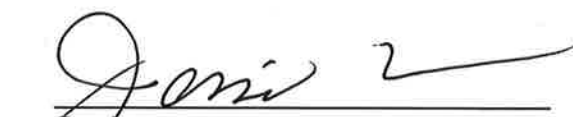
FROM: Jessie H. Roberson

SUBJECT: RFBA by Board Member Roberson to Approve Agenda for the Board Visit to Y-12, Oct 1-2 2019

Doc Control#2019-300-049

Approved Disapproved _____ Abstain _____
Recusal - Not Participating _____

COMMENTS: Below _____ Attached _____ None



Jessie H. Roberson
August 30, 2019

Date

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

NOTATIONAL VOTE RESPONSE SHEET

FROM: Joyce L. Connery

SUBJECT: RFBA by Board Member Roberson to Approve Agenda for the Board Visit to Y-12 Oct 1-2
2019

Doc Control#: 2019-300-0049

DATE: 09/03/2019

VOTE: Approved

COMMENTS:

None

Joyce L. Connery