

REQUEST FOR BOARD ACTION BY A BOARD MEMBER

Requester: Daniel J. Santos April 6, 2018

Brief description of Requested Action:

1. Approval to conduct a safety investigation in accordance with 42 U.S.C. § 2286a(b)(2) of the implementation of 10 CFR Part 830 (Nuclear Safety Management) at the Pantex plant. The type of safety investigation is a preliminary safety inquiry in accordance with 10 CFR 1708.
2. Approval of the attached outline of a framework for executing this investigation.
3. Approval of commencing this investigation within 15 business days of approval of this action.

Attachments (init) _1_ (included clean version of any proposed document or modified document)

Summarize any time sensitive considerations:

Requestor signature signature on file April 6, 2018

Assistant Executive secretary signature on file April 6, 2018

	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"/>	_____
Daniel J. Santos	<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"/>	_____

Final Disposition Summary

Executive Secretary signature _____ [Click here to enter a date.](#)

Outline

Scope: Implementation of 10CFR Part 830 (Nuclear Safety Management) at the Pantex plant.

Investigation team: 5 total

- Investigation chairperson: As designated by DNFSB Acting Chairman. The investigation chairperson is responsible to the Board for the conduct of the investigation.
- Team members: three members of the Office of the Technical Director to include at least one senior member (SES or DN-V) and one member of the Office of the General Counsel.

Resources: The staff members assigned to this team will work on this investigation full time

On-site activities: up to two site visits.

Deliverables:

- Letter to the Secretary of Energy notifying of the Board's decision to conduct this investigation in Orange Folder within five business days of this action.
- Progress briefings to the Board following each site visit.
- Documentation of investigation process and methods (as an appendix to the final report)
- Final report to the Board within 45 days of commencing the investigation.

AFFIRMATION OF BOARD VOTING RECORD

SUBJECT: RFBA by Board Member Santos to Conduct an Investigation

Doc Control#2018-200-013


The Board, with Board Member(s) Jessie H. Roberson, Daniel J. Santos *approving*, Board Member(s) Joyce L. Connery *disapproving*, Board Member(s) Bruce Hamilton *abstaining*, and Board Member(s) none *not participating*, has voted to approve the above document on April 12, 2018.

The votes were recorded as:

	APRVD	DISAPRVD	ABSTAIN	NOT PARTICIPATING*	COMMENT	DATE
Bruce Hamilton	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/11/18
Jessie H. Roberson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/12/18
Daniel J. Santos	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/11/18
Joyce L. Connery	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	04/12/18

*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.



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: Bruce Hamilton

SUBJECT: RFBA by Board Member Santos to Conduct an Investigation

Doc Control#2018-200-013

Approved _____ Disapproved _____ Abstain X _____

Recusal – Not Participating _____

COMMENTS: Below X _____ Attached _____ None _____

The proposed preliminary investigation is allowed by DNFSB enabling statute and regulations, is an appropriate use of resources, and is focused on an area where there is Board interest.

That said, the cost-versus-benefit of reallocating limited staff away from the approved work plan to perform this task is unclear. I defer this decision to the wisdom and preferences of my fellow Board Members.

I therefore abstain.

Bruce Hamilton

Bruce Hamilton

April 11, 2018 _____

Date

Member voted by email dated April 11, 2018

DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

FROM: Jessie H. Roberson

SUBJECT: RFBA by Board Member Santos to Conduct an Investigation

Doc Control#2018-200-013

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

Recusal – Not Participating

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

The Board’s mission:

*§ 2286a. Mission and Functions of the Board. [Atomic Energy Act, Sec. 312]5
(a)Mission.—The mission of the Board shall be to provide independent analysis, advice, and recommendations to the Secretary of Energy to inform the Secretary, in the role of the Secretary as operator and regulator of the defense nuclear facilities of the Department of Energy, in providing adequate protection of public health and safety at such defense nuclear facilities.*

The Board’s ability to advise the Secretary of Energy relies on a thorough understanding and evaluation of the identification, application of, and maintenance of the safety controls that ensure adequate protection of public health and safety at defense nuclear facilities. While this is not the only defense nuclear facility demonstrating challenges with maintenance of its safety analysis underpinning its selected safety controls, it is one and this type of evaluation is warranted.



Jessie H. Roberson

April 12, 2018
Date

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

FROM: Daniel J. Santos

SUBJECT: RFBA by Board Member Santos to Conduct an Investigation

Doc Control#2018-200-013

Approved X Disapproved Abstain

Recusal – Not Participating

COMMENTS: Below X Attached None

It is important for the Board to evaluate in a more focused manner (beyond our normal oversight) nuclear safety management practices at the Pantex plant given the pattern of challenges to their safety control strategies as evidenced by recent TSR violations, operational restrictions, positive unreviewed safety questions, state of the safety documentation, etc.



Daniel J. Santos

4/11/18

Date

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

FROM: Joyce L. Connery

SUBJECT: RFBA by Board Member Santos to Conduct an Investigation)

Doc Control#2018-200-013

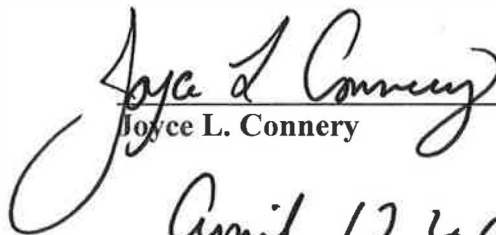
Approved _____ **Disapproved** X **Abstain** _____

Recusal – Not Participating _____

COMMENTS: Below X Attached _____ None _____

I concur with Board Member Santos' concerns with regards to Nuclear Safety Management at the Pantex Plant, but at this time I do not support conducting a preliminary safety inquiry for the following reasons:

- 1) Approving this action includes concurring with the outlined framework for the investigation which is extremely broad in scope and extremely prescriptive in format. The staff has presented specific safety concerns that should narrow any inquiries.
- 2) I believe that the Board should consider other options to address the safety concerns at Pantex to include, but not limited to, a Board trip to fact gather ourselves or a hearing in order to present specific lines of inquiries and assess information presented in a public forum. Either of these actions may result in a later decision of the Board to proceed with an investigation, but then the investigation could be targeted and more effective.



Joyce L. Connery
April 12, 2018

Date