AFFIRMATION OF BOARD VOTING RECORD

SUBJECT: Waste Isolation Pilot Plant Documented Safety Analysis

Doc Control#2016-061

The Board, with Board Member(s) Joyce L. Connery, Sean Sullivan, Daniel J. Santos, Bruce Hamilton approving, Board Member(s) Jessie H. Roberson disapproving, Board Member(s) none abstaining, and Board Member(s) none recusing, have voted to approve the above document on March 22, 2016.

The votes were recorded as:

<table>
<thead>
<tr>
<th>Name</th>
<th>APRVD</th>
<th>DISAPRVD</th>
<th>ABSTAIN</th>
<th>NOT PARTICIPATING*</th>
<th>COMMENT</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
<td>Joyce L. Connery</td>
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<td>☐</td>
<td>03/18/16</td>
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<td>Jessie H. Roberson</td>
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<td>03/21/16</td>
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<td>Sean Sullivan</td>
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<td>Daniel J. Santos</td>
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<td>03/22/16</td>
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<td>Bruce Hamilton</td>
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<td>03/14/16</td>
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*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: Joyce L. Connery

SUBJECT: Waste Isolation Pilot Plant Documented Safety Analysis

Doc Control#2016-061

Approved ___ Disapproved ___ Abstain ___
Recusal – Not Participating ___

COMMENTS: Below ___ Attached ___ None ___

Joyce L. Connery

March 15, 2016
DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

FROM: Jessie H. Roberson

SUBJECT: Waste Isolation Pilot Plant Documented Safety Analysis
Doc Control#2016-061

Approved____ Disapproved X Abstain____
Recusal – Not Participating____

COMMENTS: Below X Attached____ None____

I do not support this letter.

[Signature]
Jessie H. Roberson

[Date]
March 21, 2016
DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

FROM: Sean Sullivan
SUBJECT: Waste Isolation Pilot Plant Documented Safety Analysis
Doc Control#2016-061

Approved ☑️  Disapproved ___  Abstain ___
Recusal – Not Participating _____

COMMENTS: Below _____ Attached _____ None ☑️

Sean Sullivan
3/21/16
Date
Lotus Smith

From: Daniel J. Santos
Sent: Tuesday, March 22, 2016 12:21 PM
To: Lotus Smith; Shelby Qualls
Subject: Re: Notational Vote: Doc Control#: 2016-061 Waste Isolation Pilot Plant Documented Safety Analysis Blue Folder

Approved with the following comment:

The DSA is increasing the importance and dependence on the WIPP WAC program without addressing concerns raised in the staff report. Specifically, the draft DSA does not analyze the possibility that an event similar to the one experienced in February 2014 could occur in the future. The argument is that improvements to the WIPP WAC program will reliably prevent reactions from incompatible waste in future waste receipts. This is problematic since failures in the implementation of the WIPP WAC program were deemed contributing factors to the February 2014 event. This event also highlighted the weakness in defense-in-depth measures at WIPP to mitigate potential failures in the WAC compliance program. I strongly agree with the staff that it would be prudent for DOE and NWP management to explore defense-in-depth measures and perform single failure vulnerability analysis to enhance WIPP’s capability to detect and respond to problems caused by unexpected failures in the WAC program prior to resuming waste handling operations. The WIPP DSA should be strengthened with additional prudent defense-in-depth measures.

This email is an electronic record of Notational Vote. Voting ballot will follow shortly. Also, accepting electronic votes.

DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

TO: Board Members
FROM: Members of the Board

SUBJECT: This email is an electronic record of Notational Vote. Voting ballot will follow shortly. Also, accepting electronic votes.
FROM: Bruce Hamilton

SUBJECT: Waste Isolation Pilot Plant Documented Safety Analysis

Doc Control#2016-061

Approved Disapproved Abstain

Recusal – Not Participating

COMMENTS: Below Attached None

Bruce Hamilton

14 March 2016

Date