

AFFIRMATION OF BOARD VOTING RECORD

SUBJECT: SHG Phase 2 Strawman

Doc Control#2015-015


The Board, with Board Member(s) Peter S. Winokur, Jessie H. Roberson, Sean Sullivan *approving*, Board Member(s) none *disapproving*, Board Member(s) none *abstaining*, and Board Member(s) none *recusing*, have voted to approve the above document on December 16, 2014.

The votes were recorded as:

	APRVD	DISAPRVD	ABSTAIN	RECUSAL	<u>NO VOTE*</u>	COMMENT	DATE
Peter S. Winokur	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12/16/14
Jessie H. Roberson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12/16/14
Sean Sullivan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/16/14

*Reason for "No Vote

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: Peter S. Winokur, Ph.D.

SUBJECT: SHG Phase 2 Strawman

Doc Control#2015-015

Approved X Disapproved _____ Abstain _____

Recusal – Not Participating _____

COMMENTS: Below _____ Attached _____ None X



Peter S. Winokur, Ph.D.

12-6-14

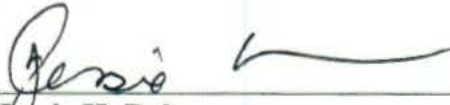
Date

DEFENSE NUCLEAR FACILITIES SAFETY BOARD
NOTATIONAL VOTE RESPONSE SHEET

FROM: Jessie H. Roberson
SUBJECT: SHG Phase 2 Strawman
Doc Control#2015-015

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

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



Jessie H. Roberson



Date

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

NOTATIONAL VOTE RESPONSE SHEET

FROM: Sean Sullivan

SUBJECT: SHG Phase 2 Strawman

Doc Control#2015-015

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

Recusal – Not Participating _____

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

Five years have passed since the Board approved Recommendation 2009-2, *Los Alamos National Laboratory Plutonium Facility Seismic Safety*, requesting the Secretary of Energy develop and implement an acceptable seismic safety strategy. Some facility improvements have been made to PF-4, and more are planned. We cannot say whether these improvements are enough to adequately protect the public unless we can be assured that the facility will withstand design seismic activity.

I encourage the National Nuclear Security Administration to adopt an ALARA (as low as reasonably achievable) approach. Even if the facility can withstand design seismic activity, the potential exists for seismic activity exceeding the design basis. The Secretary outlined risk reduction measures in a letter to the Board dated March 27, 2013. Those measures were significant. Nevertheless, the Secretary did not address one simple question raised by an ALARA approach: *Are the planned measures all that can reasonably be done?* In July 2013 the Board responded to the Secretary by stating that we would await the results of the alternate seismic analysis. A year-and-a-half later, we are still waiting. We should revisit the issue and resume discussion of risk reduction measures.

NNSA has a long term plutonium strategy that envisions housing the highest material-at-risk activities in new modules. Achieving the strategy as currently planned will significantly enhance safety. In the interim, the risks in the existing facility should be reduced to a minimum consistent with national defense needs.



Sean Sullivan

12/14/14

Date