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Department of Energy
National Nuclear Security Administration
Washington, DC 20585



August, 14, 2009

Mr. Roy Kasdorf
Nuclear Facility Design and
Infrastructure Group Lead
Defense Nuclear Facilities Safety Board
625 Indiana Avenue, NW, Suite 700
Washington, D.C. 20004-2901

Dear Mr. Kasdorf:

This letter forwards supplemental information to the Defense Nuclear Facilities Safety Board to support closing out of Findings #1, #2, and #4 for certification of the resolution of safety issues raised by the Board on the design of the Chemistry and Metallurgy Research Building Replacement Project. Certification of the resolution of such issues by the Board and National Nuclear Security Administration (NNSA) were mandated by Congress in Section 3112 of the Duncan Hunter National Defense Authorization Act for Fiscal Year 2009.

The supplemental information for Findings #1 and #2 is provided in the letter signed by the Federal Project Director, dated July 28, 2009. This information documents technical agreements that have been reached between the Project team and the Board staff on Findings #1 and #2. The agreements relate to seismic design matters. I understand that these Findings have been resolved.

The supplemental information for Finding #4 was forwarded by the Site Office Manager on August 4, 2009. The additional information demonstrates how the safety controls, safety functions, and safety requirements are managed and tied together. I trust that the referenced material satisfies the Board staff's expectations.

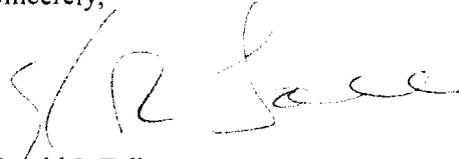
The voluminous technical information associated with the letters from the Federal Project Director and the Site Manager was forwarded electronically to the Board separately and is not re-transmitted here.

I understand that the referenced sets of supplemental information complete the information needs that the Board staff has identified to NNSA that the staff requires to support the Board's certification process. Accordingly, I look forward to closing out the outstanding Findings expeditiously and to finalizing efforts to coordinate the remaining matters to complete our certification processes.



If you have any questions, please feel free to contact me or to have your staff contact Patrick Rhoads at (202) 586-7859.

Sincerely,

A handwritten signature in black ink, appearing to read "G. L. Talbot, Jr.", written in a cursive style.

For

Gerald L Talbot, Jr.
Assistant Deputy Administrator
For Nuclear Safety and Operations

Attachments

memorandum

National Nuclear Security Administration
Los Alamos Site Office
Los Alamos, New Mexico 87544

DATE: JUL 28 2009
REPLY TO:
ATTN OF: OOM:14SF-124640
SUBJECT: Chemistry and Metallurgy Research Building Replacement Project Response
to Defense Nuclear Facility Safety Board Certification Findings #1 and #2

TO: Gerald L. Talbot, Jr., Assistant Deputy Administrator for Nuclear Safety and
Operations, NA-17, HQ/FORS

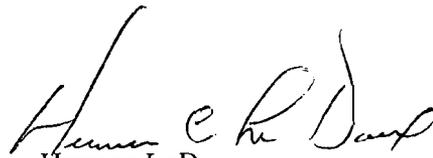
THRU: Donald L. Winchell, Manager, Los Alamos Site Office, MS-A316 *DLW 7/28*

Reference:

- 1.) Memorandum from Gerald Talbot, NNSA, to Roy Kasdorf, DNFSB, Subject: "*Site Characterization and Seismic Design*", dated March 11, 2009.
- 2.) Memorandum from Gerald Talbot, NNSA, to Roy Kasdorf, DNFSB, Subject: "*Safety-Significant Active Ventilation System*", dated March 11, 2009.

Since issuance of the above referenced documents, additional communication with Defense Nuclear Facility Safety Board (DNFSB) staff occurred on all DNFSB findings issued for Chemistry and Metallurgy Research Replacement (CMRR) certification. This additional dialog assisted in obtaining technical agreement on DNFSB Findings #1 and #2 at the CMRR Project and DNFSB staff level. The attached Los Alamos National Security, LLC letters document the resolution, and I request that your office forward this documented package to DNFSB upon your acceptance.

If you have questions, you may contact the undersigned at (505) 665-8432.


Herman LeDoux
Federal Project Director
CMRR Project

Attachments

cc: See Page 2

JUL 28 2009

cc w/attachments:

J. Mc Connell, NA-17, HQ/FORS

D. Nichols, NA-1, HQ/FORS

K. Loll, NA-171.1, HQ/FORS

A. Delapaz, NA-171.1, HQ/FORS

M. Thompson, NA-172, HQ/FORS

P. Rhoads, NA-172.2, HQ/FORS

H. Le-Doux, CMRR, LASO

R. Holmes, CMRR, LANS, MS-E550

C. Flavin, CMRR, LANS, MS-E550

Records Center, LASO

Official Contract Files, LASO

memorandum

National Nuclear Security Administration
Los Alamos Site Office
Los Alamos, New Mexico 87544

DATE: AUG 04 2009
REPLY TO: OOM:26HD-125825
ATTN OF:
SUBJECT: Chemistry and Metallurgy Research Replacement (CMRR) Project Response to Defense Nuclear Facilities Safety Board (DNFSB) Certification Finding #4

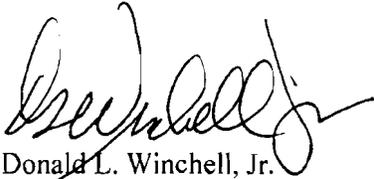
TO: Gerald L. Talbot, Jr., Assistant Deputy Administrator for Nuclear Safety and Operations, NA-17, Headquarters/Forrestal (HQ/FORS)

Reference:

- 1.) Correspondence from G. Talbot, NA-17, HQ/FORS, to R. Kasdorf, DNFSB, Subject: "Preliminary Documented Safety Analysis and Safety Strategy – Inadequate Identification of Safety –Related Controls, Functional Requirements, and Performance Criteria", dated April 21, 2009.
- 2.) National Nuclear Security Administration, Los Alamos Site Office CMRR PDSA Preliminary Safety Validation Report, Revision 0, April 2009.

Since issuance of the above reference document, additional communication with Defense Nuclear Facilities Safety Board (DNFSB) staff occurred on DNFSB findings issued for Chemistry and Metallurgy Research Replacement (CMRR) certification. This additional dialogue assisted in obtaining technical agreement on DNFSB Finding #4 format at the CMRR Project and DNFSB staff level. In an effort to ensure an adequate safety control set is determined along with adequate safety functions and functional requirements, my office will ultimately utilize the CMRR Preliminary Documents Safety Analysis (PDSA) Preliminary Safety Validation Report comments and Conditions of Approval resolution process. A next version of the subject PDSA is in development is scheduled and will incorporate development from the certification process. The attached Los Alamos National Laboratory letter documents the resolution and the Los Alamos Site Office requests that your office forward this documented package to DNFSB upon your acceptance.

If you have questions, you may contact Herman Le-Doux at 505-665-8432.



Donald L. Winchell, Jr.
Manager

Attachments

cc: See Page 2

AUG 04 2009

cc w/attachments:

J. Mc Connell, NA-17, HQ/FORS
D. Nichols, NA-1, HQ/FORS
K. Loll, NA-171.1, HQ/FORS
A. Delapaz, NA-171.1, HQ/FORS
M. Thompson, NA-172, HQ/FORS
P. Rhoads, NA-172.2, HQ/FORS
H. LeDoux, CMRR, LASO, A316
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