

# memorandum

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

DATE: **APR 09 2009**  
REPLY TO: 25IT-88388  
ATTN OF:  
SUBJECT: Approval of Preliminary Documented Safety Analysis (PDSA) Supporting the Chemistry and Metallurgy Research Replacement (CMRR) Project, March 2009, draft G-3

to: Robert L. McQuinn, ADNHHO, Los Alamos National Laboratory, MS-K778

#### References:

1. Letter AD-NHHO:09-094, Robert McQuinn to Bradley Embrey, *Transmittal of CMRR Project Nuclear Facility Documents for Approval, Preliminary Safety Validation Report*, March 26, 2009
2. Letter AD-NHHO:08-276, Robert McQuinn to Bradley Embrey, *Transmittal of CMRR Project Nuclear Facility (NF) Documents for Approval: Draft Preliminary Documented Safety Analysis (PDSA) Rev. G-2, and Nuclear Safety Design Strategy (NSDS), CMRR-AP-0307, Rev. 1.*, November 17, 2008
3. Contract No. DE-AC52-06NA25396, Los Alamos National Security, LLC, and the Department of Energy, National Administration
4. Section I, Contract Clauses
5. I-123, DEAR 970.5204-2, Laws, Regulations, and DOE Directives

Reference (1) transmitted the CMRR PDSA revision G-3 for NNSA review and approval. Reference (2) transmitted the CMRR PDSA revision G-2 for NNSA review and approval.

The National Nuclear Security Administration (NNSA) Los Alamos Site Office (LASO) CMRR team and Safety Basis Review Team (SBRT) and NNSA Albuquerque Service Center (SC) review team completed a comprehensive technical review of CMRR PDSA revision G-2 (Ref. 2) and provided comment to the contractor. A significant number of comments were provided to NNSA with adequate resolution, and NNSA verified the implementation of that resolution, and G-2 was updated to revision G-3.

This memorandum transmits the attached Preliminary Safety Validation Report (PSVR) approving CMRR PDSA revision G-3 with Conditions of Approval (COA). LANL is directed to provide a resolution plan for each COA and submit CMRR PDSA Revision G-4 for NNSA review and PSVR update to support Final Design Authorization.

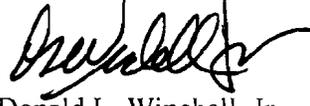
If the Contractor believes the Performance Direction violates Contract No. DE-AC52-06NA25396 Clause H-2 entitled Performance Direction, the Contractor shall suspend implementation of the Performance Direction and promptly notify the Contracting Officer of its reasons for believing that the Performance Direction violates this clause.

Oral notification to the Contracting Officer shall be confirmed in writing within ten days of the oral notification. To contract the Contracting Officer, call (505) 665-9175.

If you have any questions, you may contact Jesus Romero at (505) 665-3623.



Joseph C. Vozella  
Contracting Officer Representative



Donald L. Winchell, Jr.  
Manager

Attachment

cc w/attachment:

D. Nichols, NA-1, HQ/FORS  
J. McConnell, Acting NA-17, HQ/FORS  
K. Loll, NA-173, HQ/GTN  
P. Cahalane, NA-2.1, HQ/GTN  
A. Delapaz, NA- 173, HQ/GTN  
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H. Le-Doux, CMRR LASO  
I. Trujillo, CMRR LASO  
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B. Gallimore, LANL CMRR DO, MS G751  
C. Flaving, LANL CMRR DO, MS G751  
Records Center, LASO  
Official Contract Files, LASO

LASO Correspondence Concurrence Form

<b>File Code</b> 10CFR830.202, 10CFR830.204, 10CFR830.206	<b>Pegasus #</b> ACT-SO-3/30/2009-88388 COR-BA-3/26/2009-28352	<b>Corresp. #</b> 25IT-88388	<b>Program/Project ID (if applicable)</b> Approval of Preliminary Documented Safety Analysis (PDSA) (PDSA) Supporting the Chemistry and Metallurgy Research Replacement (CMRR) Project March 2009, draft G-3				
<b>Originating Org.</b>	<b>POC &amp; Phone or Pager</b>	<b>Admin Assist. Initial</b>	<b>Date Released</b>		<b>Originating Org.</b>		
SBT	Romero 5-3623	<i>[Signature]</i>	4/8/09		SBT		
<b>Organization</b>	<b>POC</b>	<b>Initial to Concur</b>	<b>Date Due (Est. by Originator)</b>	<b>Organization</b>	<b>POC</b>	<b>Initial to Concur</b>	<b>Date Due (Est. by Originator)</b>
SBRT Lead PSVR Preparer	I. Trujillo	<i>[Signature]</i>	4/8/09				
PSVR Preparer	J. Romero	<i>[Signature]</i>	4/8/09				
Safety Basis Tech Review	S. Cheng	<i>[Signature]</i>	4/8/09				
Safety Basis Team Lead	J. O'Neil	<i>[Signature]</i>	4/8/09				
AM FO	C. Kellers	NA					
Federal Project Director	Herman Le-Doux	<i>[Signature]</i>	4/09/09				
<b>Signator Org.</b>	<b>Signator</b>						
COR	J. Vozella	<i>[Signature]</i>	4/9/09				
OOM	D. Winchell	<i>[Signature]</i>	4/9/09				
<b>Comments and Dissenting Opinions:</b>							
<i>ACC</i>	<i>I have done a cursory review. The document meets the format and intent of 1104.</i>						
						No. of Addtl. Pages	