Department of Energy

Washington, DC 20585

February 5, 2003

The Honorable John T. Conway
Chairman
Defense Nuclear Facilities Safety Board
625 Indiana Avenue, NW, Suite 700
Washington, D.C. 20004

Dear Mr. Chairman:

The purpose of this letter is to update the status reported to you in my December 27, 2002, letter concerning commitments 110, 114, and 118 of the Board's Recommendation 2000-1 and Revision 2 of the approved Implementation Plan, dated July 22, 2002.

Milestone 118, "Complete fuel removal of 957 metric tons heavy metal (MTHM) from the K-West Basin to the Cold Vacuum Drying Facility (CVDF)," was completed on January 7, 2003, with the removal of Multi Canister Overpack 185. Fuel transfer from K-East Basin into K-West Basin continues on schedule.

Milestone 114, "Package remaining alloys to meet DOE-STD-3013 criteria" was completed by thermal stabilization and packaging of 31 alloys and brushings associated with alloys. Work began on October 18, 2002, and was completed on November 25, 2002. The Department of Energy, Richland Operations Office (RL) continues to work with DOE-HQ to ensure that this material is represented in the Material Inventory Surveillance (MIS) Program. Additional sampling requirements that may be needed to satisfy elements of the MIS program are being evaluated to ensure the alloys are properly represented.

For Milestone 110, "Resolve weld porosity issues associated with metals" RL and the Savannah River Operations Office (SR) have achieved a resolution.

Each of the 358 outer cans will be re-welded unless radiographs acceptable to SR demonstrate compliance with the 3013 Standard and the SR Material Acceptance Criteria. This work will be completed as described in the enclosed letter.

If you have any further questions, please call me or Paul Golan at (202) 586-0738.

Sincerely,

Jessie Hill Roberson
Assistant Secretary for
Environmental Management

Enclosure

cc: Mark Whitaker, S-3.1
        Keith Klein, RL

United States Government

Department of Energy

memorandum

Richland Operations Office

DATE: DEC 27 2002

REPLY TO
ATTN OF: PTD:AKW/03-PTD-0035

SUBJECT: IMPLEMENTATION PLAN FOR DEFENSE NUCLEAR FACILITIES SAFETY
BOARD (DNFSB) RECOMMENDATION 2000-1: MILESTONE NUMBER 110 –
METALS AND MILESTONE 114 - ALLOYS

TO: Jessie Hill Roberson, Assistant Secretary
for Environmental Management, EM-1, HQ

The purpose of this memorandum is to report the completion of 2000-1 Implementation Plan
Milestone 114, "Package remaining alloys to meet DOE-STD-3013 criteria," and
Milestone 110, "Resolve weld porosity issues associated with metals."

Milestone 114 was completed by thermal stabilization and packaging of 31 alloys, and
brushings associated with alloys. Work began on October 18, 2002, and completed on
November 25, 2002. The DOE Richland Operations Office (RL) continues to work with
DOE-HQ to ensure that our material is represented in the Material Inventory Surveillance
(MIS) Program. Additional sampling requirements that may be needed to satisfy elements of
the MIS Program are being evaluated to ensure the alloys are properly represented.

With regard to Milestone 110, RL and the Savannah River Operations Office (SR) have
reached a resolution on the weld porosity issue. Each of the 358 outer cans in question will
be re-welded unless radiographs acceptable to SR demonstrate compliance with
DOE-STD-3013 and the Savannah River Material Acceptance Criteria. For those cans being
re-welded, the outer 3013 can will be cut off and the inner can placed and welded into
another outer 3013 can, on a real time basis. This work will be completed as stabilization
schedules permit, but no later than May 2004.

Please inform the DNFSB of the completion of these commitments. If there are any
questions, please contact me, or your staff may contact George Sanders, Acting Assistant
Manager for the Central Plateau, on (509) 373-9971.

Betty L. Hallowell
acting for
Keith A. Klein
Manager

cc: J. J. Fiore, EM-43   M. T. Sautman, DNFSB
    M. W. Frei, EM-30   S. M. Sax, WSMS
    P. M. Golan, EM-3   R. F. Warther, EM-3
    G. W. Jackson, FHI   M. B. Whitaker, EH-9
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