

memorandum

Idaho Operations Office
West Valley Project Office

M-32
POR/LPOR

DATE March 21, 1991

SUBJECT Plan for the Resumption of Waste Tank Farm Processing

TO J. E. Solecki, Assistant Manager
for Environmental Restoration and Waste Management

This memorandum provides the top level schedule for the resumption of Waste Tank Farm Processing and updates the milestones for Integrated Radwaste Treatment System (IRIS) Operations.

The attached schedule identifies the major tasks necessary for the resumption of Waste Tank Farm Processing. These tasks are centered around the following:

- o Cleaning of the evaporator
- o Qualification of the cement waste form
- o Operational Readiness Review
- o Tank 8D-1 & tank 8D-2 pump installations
- o STS and LWTS Safety Analysis Reports (SAR) and the associated NRC Safety Evaluation Report (SER)
- o Procurement of titanium - coated zeolite
- o Operations associated with the first sludge washing

Identified with each of the major tasks are key activities required to complete them. Based on this schedule, resumption of Waste Tank Farm Processing will occur on or before October 7, 1991. The processing will start with the addition of caustic/water into tank 8D2. The critical path for this effort runs through Cement Qualification, Operational Readiness Reviews and the SAR approvals.

The resumption of operations is based on the following assumptions:

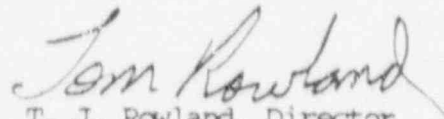
1. There is no Unreviewed Safety Question (USQ) associated with the accumulation of fissile material in the LWTS evaporator. WWS will provide the basis for this position on March 22, 1991.
2. DOE Headquarters review of the STS-SAR is planned for 10 days. This review cycle is based on DOE-ID and Technical Review Group (TRG) having already reviewed and commented on the SAR.
3. When the STS-SAR is sent to DOE Headquarters, a parallel copy will be sent to the NRC to start their review.

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The West Valley Nuclear Services Company, Inc. (WVNS) intends to replan IRIS Operations to reflect the revised schedule. This replanning will redefine the current Contract Master Schedule milestone (CMS) No. 170, "Completion of supernatant processing" to reflect completion of this activity at the current 129 inch heel in tank 8D-2. In addition CMS milestone No. 142, "Sludge Washing" will be redefined to "Resumption of Waste Tank Farm Processing" with a start date of on or before October 7, 1991. Subordinate schedules to the attached top level schedules are available if you wish additional detail.

If you have any questions, please contact me on FTS 473-4780.


T. J. Rowland, Director
West Valley Project Office

Attachment

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