

INTERIM REPORT

May 28, 1980

Accession No. _____
Contractors Report No. _____

Contract Program or Project Title: The Impact of Decontamination on LWR Radwaste Treatment Systems, and Decontamination as a Precursor to Decommissioning

Subject of this Document: Reporting for April 1980

Type of Document: Informal monthly progress report

Author(s): Lyle D. Perrigo

Date of Document: May 15, 1980

Responsible NRC Individual and NRC Office or Division: _____

Donald E. Solberg, Chief, Systems Performance Research Branch, SAFER:RES

This document was prepared primarily for preliminary or internal use. It has not received full review and approval. Since there may be substantive changes, this document should not be considered final.

Prepared by
Battelle
Pacific Northwest Laboratories
P.O. Box 999
Richland, Washington 99352

Prepared for
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

NRC FIN No. B2303

DISTRIBUTION

G. Catkins, SD
C. Feldman, SD
R. Emch, NRR
L. Barrett, NRR
P. Erickson, NRR
A. Abriss, NMSS
T. Johnson, NMSS
R. Bangart, NRR

INTERIM REPORT

NRC Research and Technical
Assistance Report

8006170716



Pacific Northwest Laboratories

P.O. Box 999

Richland, Washington 99352

Telephone (509) 375-2113

Telex 32-6345

May 15, 1980

Mr. Donald E. Solberg
Office of Nuclear
Regulatory Research
U.S. Nuclear Regulatory
Commission
Mail Stop 1130-SS
Washington, D.C. 20555

Dear Mr. Solberg:

PNL has continued programmatic work on the two NRC projects sponsored by your office entitled "The Impact of Decontamination on LWR Radwaste Treatment Systems" and "Decontamination as a Precursor to Decommissioning."

April 1980 activities for the first of these two projects were:

- Faust and I attended another meeting of the TMI Technical Planning Group 2.2. This session was held at Denver on April 30, 1980, and focused on the development of a report on needed generic and recovery decontamination activities at TMI.
- As a followup to work that Leo Faust and I did with Technical Planning Group 2.1, we agreed to help find radiation mapping expertise at PNL to support Quadrex in undertaking such work at TMI if they were to become a successful bidder. Harold Burton of the Technical Integration Office, TMI; John Collins, NRC (TMI) and you were notified of our oral agreement. It is our understanding that such support was encouraged by Planning Group 2.1 and if monies were passed to PNL they would come from a funding pool created for generic work by NRC, DOE, and EPRI.

Task 7 expenditures through April 27, 1980 were \$30,170. Total project expenditures on that date were \$173,472.

Information for April for the second named project follows:

- Setup for the laboratory program is continuing. A small collection of laboratory test equipment is being gathered for support of the evaluation work. Preliminary testing of evaluation procedures is expected to begin shortly. The program currently anticipates receiving the first reactor samples in late July or early August 1980.

NRC Research and Technical
Assistance Report

Mr. Donald E. Solberg
May 15, 1980
Page Two



- The literature review work continues to be coordinated with that of G. Knighton.

Expenditures as of April 27, 1980 were \$30,887.

Kindest regards.

Sincerely,

A handwritten signature in black ink that reads "Lyle D. Perrigo". The signature is written in a cursive style with a large, prominent "P".

Lyle D. Perrigo, Manager
Applications and Project
Technology Section

cc: JT Collins-NRC
RL Dillon-PNL
FJ Witt-NRC