

INTERIM REPORT

July 22, 1980

Accession No. _____

Contractors Report No. _____

Contract Program or Project Title: Decontamination as a Precursor to

Decommissioning

Subject of this Document: Progress reported for June 1980

Type of Document: Informal monthly progress report

Author(s): Lyle D. Perrigo

Date of Document: July 7, 1980

Responsible NRC Individual and NRC Office or Division: _____

Donald E. Soberg, 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
Battelle Boulevard
Richland, Washington 99352

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

NRC FIN No. B2303

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INTERIM REPORT

NRC Research and Technical
Assistance Report

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Pacific Northwest Laboratories

Battelle Boulevard

Richland, Washington 99352

Telephone (509)

Telex 326631

July 7, 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 NRC project entitled "Decontamination as a Precursor to Decommissioning." June 1980 activities were:

- J. R. Divine stopped at the ORNL Ecological Sciences Information Center (ESIC) on the way to a meeting with Frank Witt, NRC. Report format was discussed with C. Fore of that organization. Divine learned that ESIC intends to publish a comprehensive D&D literature review in July; we will take advantage of their publications when our report is prepared and issued.
- An internal rough draft of the outline of the state-of-the-art literature report has been prepared and is being circulated at PNL for comments. Transmittal to NRC is expected by mid-July.
- D. E. Robertson, PNL, reports that he plans to be at Pathfinder Reactor in the period July 14-23, 1980 to acquire samples for his radiochemical measurements and our decontamination studies. Assuming that the samples are shipped expeditiously to PNL, we estimate laboratory D&D studies will start no earlier than early September, 1980.
- Procedures for decontaminating soils were examined in June. Concrete decontamination procedures will be tested in July on samples from the Hanford F Reactor.

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Expenses through June 29, 1980 were \$44,609.

Work on the NRC sponsored project entitled "The Impact of Decontamination on LWR Radwaste Treatment Systems" was stopped in late May, 1980 as you requested pending additional approvals in the transmittal of funds to PNL.

Kindest regards,

Sincerely,

A handwritten signature in dark ink, appearing to read "Lyle D. Perrigo". The signature is written in a cursive style with a prominent initial "L".

Lyle D. Perrigo, Manager
Applications and Projects
Technology Section

LDP/mm

cc: J. T. Collins - NRC
R. L. Dillon - PNL
F. J. Witt - NRC