

543

Ticket
YES



Battelle

Pacific Northwest Laboratories
P.O. Box 999
Richland, Washington U.S.A. 99352
Telephone (509)
Telex 15-2874

August 11, 1982

Mr. Claude A. Flory
Uranium Recovery Licensing Branch
Division of Waste Management
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555



Dear Mr. Flory:

Enclosed is the letter report on "Environmental Cleanup Standards" (E-2216) for the month of July 1982.

Very truly yours,

J. A. Young
J. A. Young
Research Scientist
Physical Sciences Department

R. W. Perkins
R. W. Perkins
Associate Department Manager

N. A. Wogman
N. A. Wogman
Project Manager

POJ:mfm

Encl.

cc: Mr. Ross A. Scarano, NMSS
Office of the Director, NMSS
Attn: Program Support
Dr. H. J. Pettengill, NMSS
Mr. J. B. Martin, NMSS

OFFICIAL DOCKET COPY

MONTHLY REPORT
ENVIRONMENTAL CLEANUP STANDARDS FOR
LOW LEVEL RADIOACTIVE WASTE MATERIALS

August 11, 1982

Project Manager: N. A. Wogman
Principal Investigators: P. O. Jackson
V. W. Thomas
J. A. Young

FIN No. B-2216

STUDY OBJECTIVES

The purpose of this program is to review and assess the existing methodologies and capabilities for evaluating the effectiveness of decontamination efforts for structures in open land areas and to provide the Nuclear Regulatory Commission (NRC) with a technical manual of standardized methods best suited for this purpose.

This program is needed to fulfill the requirements of Public Law 95-604 which states that the NRC concur in remedial actions taken for the cleanup of open land and buildings contaminated with residual, low-level radioactive materials from inactive processing sites.

ACCOMPLISHMENTS DURING REPORT PERIOD

The report entitled "Recommended Procedures for measuring Radon Fluxes from Disposal Sites of Residual Radioactive Materials" has been modified on the bases of internal and external reviews. The revised version is enclosed with this monthly report so that you can review it before the final version is submitted. Changes have been made in Appendix F, Instrument Calibration, on the basis of your letter of July 28, 1982.

Projected Work for August

Final revisions will be made on the report entitled "Recommended Procedures for Identifying Properties that Require Remedial Action, and for Verifying that Remedial Action has been Successful." In particular, final revisions will be made in Appendix F of this report. The report recommending radon flux measurement procedures will be combined with the above report, and the combined report will be submitted.

Financial Statement

The accompanying table summarizes the expenditures that have been made through the end of July, and projects the expenditures for the following months.

FINANCIAL STATEMENT

<u>Month</u>	<u>Projected Costs to Date</u>	<u>Actual Costs to Date</u>	<u>Projected Costs this Month</u>	<u>Actual Costs this Moith</u>	<u>Uncosted Obligation</u>	<u>Man Hours This Month</u>
Oct., 1980		10,932		10,932	0	240
Nov., 1980		12,544		1,611	0	31
Dec., 1980		20,370		7,827	0	148
Jan., 1981		31,697		11,327	0	188
Feb., 1981		60,692		28,995	0	516
March, 1981		97,352		36,657	0	580
April, 1981		106,360		9,011	0	39
May, 1981		113,368		7,008	0	112.5
June, 1981		120,318		6,951	3,136	75.5
July, 1981		130,985		10,667	1,330	165
Aug., 1981		143,139		12,154	943	180
Sept., 1981		155,428		12,289	3,450	164
Oct., 1981		165,900		10,472	3,184	147
Nov., 1981		177,129		11,229	3,834	166
Dec., 1981		180,391		3,263	4,200	41
Jan., 1982		194,237		13,847	16,831	160
Feb., 1982		200,410		6,173	16,769	108
March, 1982		215,579		15,269	14,981	207
April, 1982		236,920		21,341	14,981	351
May, 1982	252,318	243,675	12,000	6,755	13,198	84
June, 1982	264,318	246,428	12,000	2,794	13,198	48
July, 1982	276,318	256,090	12,000	5,416	13,198	164
Aug., 1982	288,318		12,000			
Sept., 1982	300,000		11,682			