

Sandia National Laboratories

Albuquerque, New Mexico 87185

July 15, 1988  
(revised)

Dr. Louis Bykoski  
Regulatory Branch  
Division of LLW Management and Decommissioning  
Office of Nuclear Material Safety and Safeguards  
Mail Stop 584  
Washington, DC 20555

Dear Dr. Bykoski:

Enclosed is the "revised" June 1988 monthly report for FIN A1761.  
If you have any questions or comments, please feel free to  
contact me at (FTS) 844-8368 or J. S. Philbin at (FTS) 846-5197.

Sincerely,

*Robert M. Cranwell*

Robert M. Cranwell, Supervisor  
Safety and Reliability Analysis  
Division 6415

RMC:6415:jsp

Enclosure

Copy to:

USNRC Director, PMDA Staff, NMSS (Mail Stop 6A-4)  
USNRC M. R. Knapp, LLWM  
6410 N. R. Ortiz  
6415 R. M. Cranwell  
6416 J. S. Philbin

July 15, 1988

PROGRAM: Risk Assessment And Cost Estimation FIN A1761  
For Cleanup Of Radioactive Material

CONTRACTOR: Sandia National Laboratories BUDGET PERIOD: 10/87 -  
9/88

NRC/LLWM PROGRAM MANAGER: L. Bykoski BUDGET AMOUNT: \$122K

CONTRACT PROGRAM MANAGER: R. M. Cra well FTS PHONE: 844-8368

PRINCIPAL INVESTIGATOR: J. S. Philbin FTS PHONE: 846-5197

#### PROJECT OBJECTIVES

To categorize, characterize, and predict contamination consequences of accidental releases of radioactive materials produced, processed or used by radioactive material licensees. Radioactive materials used by the licensees will be categorized based on the type(s) and quantity of radionuclide(s) used, its chemical and physical form, and its application. Accident frequencies, cleanup costs and the associated financial risk will be estimated. The health and safety risks resulting from these accidents are not assessed in this study.

#### ACTIVITIES DURING JUNE 1988

Reports on environmental statements and nuclear fuel cycle risk assessment were reviewed by the new principal investigator and cataloged. These include: a) seven environmental reports on Uranium mines and mills plus NUREG 0706, "Final Generic Environmental Impact Statement on Uranium Milling - 3 Volumes," b) reports on nuclear fuel cycle risk assessment work performed at PNL, c) and reports on cleanup costs and decommissioning costs. These are valuable reference sources for Task 7 - Economic Risk Analysis for Fuel Cycle Licensees and Other Large Licensees.