

WM Record File

WM Project

39

Docket No.

PDR

LPDR

Geotechnical Engineering Program
Civil Engineering Department

303-491-6081

(Return to WM, 623-SS)

Colorado State University
Fort Collins, Colorado
80523

TWX 910-930-9008

September 10, 1985

WM DOCKET CONTROL
CENTER
SEP 16 1985
P3:38

Mr. Richard McLean
Oak Ridge National Laboratory
P. O. Box X
Mail Stop D33
Oak Ridge, TN 37830

Subject: Methodologies for Long Term Stabilization Design of Uranium Mill
Tailings Impoundments

Dear Mr. McLean:

As indicated in our conversation in late August, I have agreed to serve as the Acting Principal Investigator for the 'Methodologies for Long Term Stabilization Design of Uranium Mill Tailings Impoundments' project while Dr. John D. Nelson, Project Principal Investigator, is on leave. May I emphasize that my objective is to complete both Phase I and Phase II portions of the project in an expeditious fashion and to the satisfaction of ORNL and NRC. I look forward to working with you and Dr. William Staub, project COIR, to conclude this project in the next few months.

The purpose of this communication is to update you on the current project status. Please be appraised that I was not involved in the day-to-day project administration and management before Dr. Nelson's departure. Therefore, if I fail to address a specific item pertaining to the contract, please inform me at your earliest opportunity and the matter will be addressed.

During the period of 26 August 85 to the present, I have attempted to:

- a) Request the assistance of the CSU accounting section in resolving the status of the project budget.
- b) Determine the project status of Phase I and Phase II efforts.
- c) Reorganize and plan a realistic schedule of project milestones to complete both Phase I and Phase II reports.
- d) Compile a supplemental budgetary request in accordance with the proposed project schedule.

The project budget analysis that I have requested is not complete at this time. However, Mr. Ruppert Herrick and Ms. Joan Grahme of the ERC accounting staff have most cooperative in resolving many financial discrepancies and problems that have surfaced. Please find attached a copy of the August 1985 budget printout. It is evident that few funds remain to complete the project. I have enclosed a supplemental budget request to assist in completing the project deliverables. Please note that this request does not cover any professional

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salaries. Funds will be used to type, print and deliver the final reports. Also included is a travel budget to allow coordination between ORNL, NRC and me. Your consideration is greatly appreciated.

The project is currently in a reorganization status. A draft copy of the Phase I report was recently distributed to the project staff, NRC staff and others as directed by NRC. Please find enclosed a copy of the preliminary report. A meeting is planned with the NRC and the project team on or about 25 September 85 to review the document and receive comments for revision. A final Phase I report will subsequently be submitted as proposed in the attached schedule of milestones. Please review the proposed schedule. If and when possible, the milestones will be escalated.

Enclosed find a copy of references that were gathered as part of the contract. The reference list was distributed to the NRC, project staff and Dr. William Staub on 13 August 85. Also, please note that an additional report addressing the gully erosion investigation performed as a portion of this study shall be submitted to you on or before 30 September 85.

Once the project is again on-track, I hope to visit with you and the project COTR, William Staub at ORNL. Also, please accept this communication as a project monthly report. It is my intent to continue submitting monthly status reports until project completion. Please do not hesitate to call me at (303) 491-8203/6707 if I can provide additional information.

Respectfully submitted,

Steven R. Abt
Associate Professor
Acting Principal Investigator

cc: E. Hawkins - NRC
T. Johnson - NRC
W. Staub - ORNL

SUPPLEMENTAL BUDGET

Methodologies for Long-Term Stabilization Design of Uranium Mill Tailings Impoundments

Travel

1 Trip ORNL	\$1,035
1 Trip Washington, D.C.	850
2 Trips Denver	60

Report Preparation

Printing 3 reports @ 25 copies/report	750
Word Processor	400
Drafting and Graphics	650
Technical Editing (150 hrs @ \$6.50)	975

Personnel

Secretary, 1.25 mm @ \$1,200/mm	1,500
Benefits (16.3% of \$1,500)	245

Miscellaneous Expenses

Telephone, mail, xerox, and supplies	375
	Subtotal \$6,840
OH (39.9% of \$6,840)	2,729
	TOTAL \$9,569

PROPOSED PROJECT SCHEDULE

Methodologies for Long-Term Stabilization Design of Uranium Mill Tailings Impoundments

<u>Date</u>	<u>Planned Action</u>
13 Aug 85	Submission of References on Gully Erosion Located in Literature Search for Phase I Report.
25 Sep 85	Project Team Meeting with NRC Staff to discuss comments on Phase I Report. Organize team to prepare Phase II Report.
30 Sep 85	Submission of Technical Report on Gully Erosion Supporting Phase I Report.
15 Oct 85	Receipt of revised chapters of Phase I Report from Project Team.
16-31 Oct 85	Final editing and drafting of figures for Phase I Report.
15 Nov 85	Submission of Final Phase I Report to ORNL-NRC.
30 Nov 85	Receipt of Draft Phase II Chapters from Project Team.
15 Dec 85	Submission of Draft Phase II Report to ORNL and NRC for review.
15 Jan 86	Project Team meeting with NRC staff to discuss comments on Phase II Report.
31 Jan 86	Receipt of revised chapters of Phase II Report from Project Team.
1-15 Feb 86	Final editing of and drafting of figures for Phase II Report.
28 Feb 86	Submission of Final Phase II Report to ORNL-NRC.