



STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION
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Thomas E. Baca, M.P.H., Director

RADIATION PROTECTION BUREAU

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DEPUTY SECRETARY

August 5, 1980

G. Wayne Kerr
Assistant Director for
State Agreement Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Kerr:

Pursuant to your letter of June 12, 1980 regarding reporting requirement under our UMTRCA Grant (NRC-06-80-076) the following information is provided:

In regard to paragraph 4 (a), page 7 of the grant guidelines:

1. A partial grant was made available to us April 18, 1980 and amended June 30, 1980.

In regard to preparation of Legislation and Regulations, the Agency filed on April 21, 1980, a comprehensive revision to its radiation protection regulations. This revision addresses many of the issues required by the UMTRCA of 1978 such as:

- 3-330 G. Uranium Mill Facility Construction Ban prior to licensing;
- 3-300 J. Land Ownership requirements to control tailings both during action uranium mill operations and after termination of operations;
- 3-312. Public Notice Participation, and Hearings to provide for increased public participation in the regulatory process as required by UMTRCA;

Part 12. Stabilization of Radioactive Milling Waste Retention Systems of our new regulations is designed to prevent radioactive material from uranium mill tailings systems from being distributed beyond the waste retention area. The ultimate objective of this new part to our regulations is to reduce any radiological exposure to as low as reasonably achievable for extremely long periods of time.

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August 5, 1980

Since the Grant was made, Mr. Malcolm E. Ennis has been assigned full-time in our Surveillance and Field Operations Section and has familiarized himself with the Uranium Dispersion and Dosimetry programs known as Mildos and UDAD. In addition, a draft contract has been generated with the Los Alamos Scientific Laboratory to obtain computer capability in uranium dispersion and dosimetry modeling.

In regard to Training of State Employees, an employee was sent to each session (April 20, May 3, 1980) of the NRC-Uranium Mill Application and Licensing Course.

2. In regard to procurement of equipment, we have reviewed Table 1, Uranium Mill Instruments, which was enclosed with the June 30 modification to our grant and have determined that we have all items except 1 B and 2 B, both of which will be ordered shortly. Regarding radon/radon daughter detector, we have such detectors but our equipment does not meet all the listed capabilities (C1-C6). We believe it is doubtful that Ra-226 and Rn-222 concentrations in water and effluents can be determined by a portable field instrument, as we know of no such devices available. Please provide further guidance.

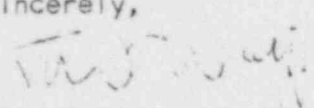
3. We believe we are well on our way to compliance with the activities mandated by EMTRCA, by December, 1980.

4. Enclosed is a copy of our recently filed regulations and a revised organizational chart. In order to better meet the requirement of the UMTRCA, 1978 Dr. Theodore G. Brough and Mr. Kent W. Breese have been assigned to the Uranium Licensing Section.

An additional Environmental Engineering Specialist I position has been transferred to the Uranium Licensing Section. The UMTRCA Grant has been set up under a separate Cost Center-51.26. Expenditures under the Grant through June 30, 1980 are attached.

The status of funds received and expended using either SF 269 or SF 270 or both will be supplied under separate cover by Mr. Dale Archuleta, Administrative Services Division, Federal Reports Section.

Sincerely,


Theodore A. Wolff, Ph. D., Chief
Radiation Protection Bureau

TAW/jh

cc: Dale Archuleta, Admin. Services, Division,
Federal Reports Section

UMTRCA Grant File

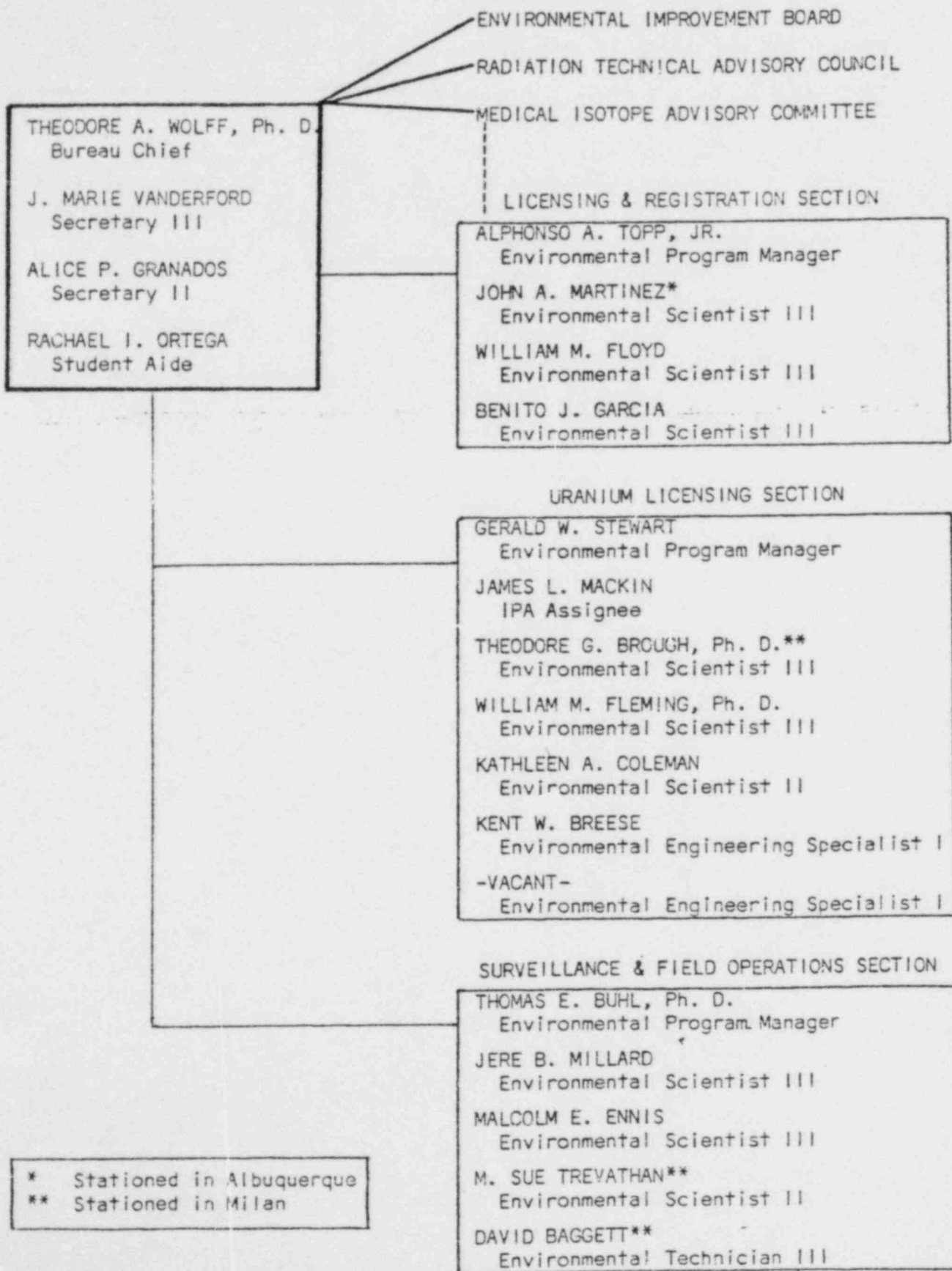
EXPENDITURES

NRC GRANT # 06-80-676

COST CENTER 51.26 - THROUGH JUNE 30, 1980

DATE	EXPENSE	AMOUNT
April 20, 1980 May 3, 1980	Jere Millard - NRC Training Course re: Uranium Mill Applications and Licensing	1,381.04
June 15, 1980	Bill Fleming - NRC Training Course re: Uranium Mill Applications and Licensing	932.50
May 9, 1980	Howard W. Henry, Court Reporter Hearing held on regulations	878.70
May 9, 1980	Typing of Regulations - Contract Adele M. Hunter 970.40 New Mexico Bureau of Revenue 41.24	1,011.64
May 9, 1980	Xeroxing of Regulations	4,340.00
May 1, 1980	Stapling of Regulations	119.00
		8,662.88

RADIATION PROTECTION BUREAU



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