



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUL 22 1980

The Franklin Institute
ATTN: Maruice B. Soffer
Franklin Research Center
20th and Benjamin Franklin Parkway
Philadelphia, PA 19103

Gentlemen:

SUBJECT: CONTRACT NO. NRC-05-79-253, TASK ORDER NO. 4

Pursuant to the pertinent provisions of this contract, I hereby authorize the expenditure of funds in the amount of \$25,000.00 to provide assistance in the systematic review of the responses to IE Bulletin 79-018 as outlined in the enclosed Task Order No. 4.

If you believe that the total ceiling price is inadequate for the purposes of this task order, you must so notify me within ten (10) business days after its receipt. Said notification shall contain your estimate of the required total ceiling cost. Within ten (10) business days after receipt of such notification, the Contracting Officer shall either ratify the total ceiling cost or adopt the proposed revised estimate or some combination of the two and revise or confirm the task order accordingly.

This letter, executed on behalf of the Commission, is forwarded to you in quadruplicate. Please acknowledge receipt on three (3) copies herein and return them to me as soon as possible. The fourth copy is for your retention.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kellogg V. Morton".

Kellogg V. Morton, Chief
Research Contracts Branch
Division of Contracts
Office of Administration

Enclosure: Task Order No. 4 (4)

8009240079

Received:

Franklin Research Institute

BY: Frank T. Robinson

TITLE: Contracts Administration

DATE: 8/24/80

NRC:IE Contract: NRC-05-79-253

Task Order No. 4 Review of Responses to IE Bulletin 79-01B on Electrical Qualification of Electrical Equipment

1. Scope of Work

Assist in the systematic review of the responses to IE Bulletin 79-01B.

2. Objective of Work

To convert the responses into a standardized terminology and the results into an existing computer data base.

3. Statement of Work

IE Bulletin 79-01B was sent to the licensees of all operating reactor facilities, except those being reviewed under the special evaluation plan. The bulletin required each licensee to provide a master list, in standard format, of all engineered safety features and each component within each system, required to function under accident conditions. For each item in the list, each licensee was required to provide written evidence of its environmental qualification together with certain other information in a standard format.

NRC's Office of Management and Program Analysis has developed a 2000 data base structure into which the responses to the Bulletin will be stored for analysis. However, some of the data in the responses are ambiguous or given in nonstandard terminology. In other responses include items that are not safety related or that are inappropriate for various other reasons. For these reasons, the responses require review and interpretation by a technically knowledgeable person.

This task is to review the IE Bulletin 79-01B response forms, convert the data into standard terminology, and enter them into the system 2000 data base.

4. Initial Phase Work and Prioritization

The initial phase of the work shall consist of the development of a review system and entry of several plant responses into the system on a trial basis. The prioritization of the initial and remaining plant responses for entry into the data base shall be provided by the Office of Inspection and Enforcement.

5. Reporting Requirements

A brief report of the work, including a glossary of the standard terminology developed and any significant problems encountered, together

5. Reporting Requirements (continued)

computer input listings for the initial phase work, shall be submitted by October 1, 1980. The data shall be entered into the computer on a facility by facility basis and will become available for use upon entry. The report is to be sent to D. C. Kirkpatrick, Division of Reactor Operations Inspection, U. S. Nuclear Regulatory Commission, MS-EW-359, Washington, DC 20555.

6. Completion Date

October 1, 1980

7. Place of Performance

The work under this task order will be performed at Franklin facilities in Philadelphia or at the NRC computer facilities in Bethesda, as necessary.

8. Cost Ceiling

\$25,000.00