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Mr. S. L. Daltroff
Philadelphia Electric Company
S-25-1
2301 Market Street
Philadelphia, PA 19101

Dear Mr. Daltroff:

The Office of Nuclear Regulatory Research of the Nuclear Regulatory Commission (NRC) needs the cooperation of selected nuclear power plant licensees and applicants to support one of its research projects, "Task Analysis of Nuclear Power Plant Control Room Crews." This project is being conducted at the request of the Office of Nuclear Reactor Regulation. The purpose of this letter is to solicit your participation in the project.

The research project is intended to further the NRC's and the industry's understanding of the actions control room crews must perform during normal, abnormal, and emergency conditions. Task analyses are to be performed in the field to describe how control room crew members perform their jobs in order to provide a more accurate basis for practices relating to control room design, training, staffing and qualifications, procedures, communications and job performance aids.

During August 1982 - February 1983, representatives from our contractor, General Physics Corporation, will collect data at the sites of utility companies which are willing to participate in this project. Participation is strictly voluntary and would involve allowing access to the plant control room and/or control room simulator and the assistance of utility personnel with operations expertise. The data collection team will be at the Limerick simulator site for about two weeks, discussing control room operations with crew members and observing responses to simulated plant events.

Data from the task analyses will be computerized and made available to you, the Institute of Nuclear Power Operations (INPO) and other organizations as may be appropriate. The task analysis data collected by this research would aid the licensee because the data is the same or similar to the task analysis content which would be submitted in a control room design review. If desired, you may have a representative participate in the data-taking activities who will thereby obtain training in task analysis methodology which should be useful to you in performing your control room reviews.

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Special efforts have been made to coordinate this research with similar work underway by INPO. INPO has reviewed the Program Plan, which provides detailed information on our research project's objectives and approach, and work is underway with INPO to insure that the results of our research effort will be compatible with and complement INPO's work in job/task analyses.

If you are willing to participate in this project or if you would like additional information, please have your staff contact Dr. Harvey Abelson, Licensing Project Manager at (301) 492-9774.

Sincerely,

Original signed by

A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

- cc: M. J. Cooney, PECO
- G. M. Leitch, PECO
- D. Burgy, General Physics Corp.
- B. Cohen, INPO

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