



UNITED STATES  
 ATOMIC ENERGY COMMISSION  
 DIRECTORATE OF REGULATORY OPERATIONS  
 REGION I  
 631 PARK AVENUE  
 KING OF PRUSSIA, PENNSYLVANIA 19406

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JAN 4 1974

Metropolitan Edison Company  
 ATTN: Mr. J. G. Miller  
 Vice President  
 P. O. Box 542  
 Reading, Pennsylvania 19603

Docket Nos. 50-289  
 and 50-320

Gentlemen:

The purpose of this letter is to request information related to the information system on nuclear power plant construction and fuel loading schedules, and to inform you of a program being instituted by the Directorate of Regulatory Operations regarding the completion of certain crucial programs prior to the issuance of an operating license. The information requested in connection with the information system on construction and fuel loading is specified in Enclosure 1. The information relative to the completion of certain crucial programs prior to issuance of an operating license is provided in Enclosure 2.

Your cooperation in these programs will be greatly appreciated.

Sincerely,

*Robert T. O'Reilly*  
 James P. O'Reilly  
 Acting Director

Enclosures:

1. Construction and Fuel Loading Schedules
  2. Crucial Reactor Programs
- cc: Mr. R. M. Klingaman  
 Superintendent

- bcc: RO Files  
 DR Central Files ✓  
 PDR  
 Local PDR  
 NSIC  
 DTIE  
 State of New York  
 Reg. Reg. Rdg. Rm.


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Enclosure 1

CONSTRUCTION AND FUEL LOADING SCHEDULES

The information system on nuclear power plant construction and fuel loading which was explained to you a few months ago has been installed in all AEC Regulatory Operations Regions. Thus far, the results of this effort in giving visibility to construction progress at management levels of AEC have been most satisfactory, primarily because of the excellent cooperation given by each utility involved in the program. The information which you have provided to us has been most useful in the efficient application of AEC manpower with regard to your facility.

Because of the importance of proper scheduling of our manpower resources and because of the mounting concern with the energy availability problem, it has become even more important for us to keep abreast of construction progress and predicted dates for fuel loading and commercial operation in order that our manpower utilization can be allocated for increased efficiencies. We are sending to you, under separate cover, logic networks covering the construction of your plants. We would appreciate it if you would provide the following information:

1. Review the logic network for your plant(s) and supply any dates, including past dates, which may be missing from the diagram. Please include your estimated commercial operation date in addition to your core loading date following the box identified as "Core Loading."
2. Identify slippages which have occurred in your construction schedule corresponding to a delay in those activities along the accented central line in the attached network. We need the delays, their magnitude and reasons to further assess this central line's definition as "critical" to the completion of a construction project.
3. Provide the fuel load date you predicted when you filed your application for a construction permit, and successive predictions of the fuel loading date throughout the construction process. Please explain the reasons for each change. In most cases, this will be a slippage but in some it will represent an earlier anticipated date. This information is needed for us to assess the magnitude, causes, and approximate length of time of fuel loading delays.

The information should be submitted to your Regional Office contact as a part of your normal January project schedule in support of the "yellow book." If you are unable to meet this schedule, please include the information in the February submission. In addition, please provide us with the name, address, and telephone number of a responsible person in your organization whom we may contact if necessary to discuss the information requested above.

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Enclosure 2

CRUCIAL REACTOR PROGRAMS

Effective immediately, Regulatory Operations is instituting a procedure to closely monitor the completion of documentation and implementation of certain programs crucial to the safe operation of nuclear power plants. The purpose is to assure timely and effective implementation of these programs by focusing attention on them so that our inspection program, and the subsequent fuel loading date and operating license decision need not be delayed. Examples of programs subject to this procedure are as follows:

- Emergency Procedures
- Security Procedures
- Operational Quality Assurance Program Implementation
- Power Ascension Test Program Procedures
- Review of Proposed Technical Specifications
- Environmental Monitoring Program Implementation
- Radiological Health Procedures
- Operating Procedures

Normally, representatives of the Regulatory Operations Regional office will contact designated representatives of your organization approximately one year prior to the scheduled date for fuel loading to establish a schedule for documentation and implementation of these programs. Contacts will also be made for facilities under construction with less than a year remaining before the scheduled fuel loading date. The latest acceptable date for documentation or implementation of all of these programs will be three months prior to the scheduled date for fuel loading, except for the Environmental Monitoring Program, which must be implemented one year prior to fuel loading. In addition, where the issuance of the operating license is being contested on a quality assurance issue, an acceptable Operational Quality Assurance Program must be implemented 30 days prior to the beginning of the public hearing. The Regional offices will monitor your progress toward meeting the established schedule and will contact you, as appropriate, to ensure that the inspection program can be carried out effectively and efficiently.

It cannot be emphasized too strongly that your progress toward accomplishment of these goals will have an impact on the date which a decision can be made on the licensing of the nuclear power plant in question.

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