

JUL 22 1985

DMB

Docket No. 50-455

Commonwealth Edison Company  
ATTN: Mr. Cordell Reed  
Vice President  
Post Office Box 767  
Chicago, IL 60690

Gentlemen:

This confirms that a Construction Appraisal Team (CAT) inspection will start at the Byron Station Unit 2 on August 19, 1985.

We anticipate that site inspections will be conducted, as a minimum, from August 19-30 and September 9-20, 1985.

The entrance interview will be conducted at 1:00 p.m. on August 19, 1985. At that time, the purpose of the inspection will be explained as well as methodology of the inspection.

A list of documents required to perform the inspection is included as Enclosure 1. These documents should be sent to H. Wong by August 5, 1985, at the following address:

U. S. Nuclear Regulatory Commission  
Room E-367  
4340 East West Highway  
Bethesda, MD 20814

The CAT team members will require clearance to allow unescorted access to the site. The list of team members will be provided to you when the list is firmed up.

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PDR ADOCK 05000455  
Q PDR

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Should you have any questions, contact the Resident Inspector or W. L. Forney of this office.

Sincerely,

"Original Signed by E.G. Greenman"

C. E. Norelius, Director  
Division of Reactor Projects

Enclosure: List of Documents  
Required for CAT Inspection  
Preparation

cc w/enclosure:

D. L. Farrar, Director  
of Nuclear Licensing  
V. I. Schlosser, Project Manager  
Gunner Sorensen, Site Project  
Superintendent  
R. E. Querio, Plant Manager  
DMB/Document Control Desk (RIDS)  
Resident Inspector, RIII Byron  
Resident Inspector, RIII  
Braidwood  
Phyllis Dunton, Attorney  
General's Office, Environmental  
Control Division  
D. W. Cassel, Jr., Esq.  
Diane Chavez, DAARE/SAFE  
W. Paton, ELD  
L. Olshan, NRR LPM  
H. S. Taylor, Quality Assurance  
Division  
E. Chan, ELD  
J. Stevens, NRR

RIII

*RL*  
Lerch/r1  
7/23/85

RIII

*WLF*  
Forney

RIII

*RFW*  
Warnick

RIII

*CEN*  
Norelius

ENCLOSURE 1

LIST OF DOCUMENTS REQUIRED FOR CAT INSPECTION PREPARATION

The intent of this request is to provide the inspection team with a sampling of the licensee's procedures in order to gain an understanding of the system being used. One copy each of the following documents is required for preparation for the CAT inspection:

1. Organization charts (with names) for:
  - Construction
  - Quality Assurance/Quality Control
  - Engineering
  - Project Management
2. General Site and Plant Layout Drawings
3. Quality Assurance Manual including QC inspector qualification requirements
4. Index of Field Construction Installation and QC Inspection Procedures
5. General Electric Specification
6. General Concrete Specification
7. General Piping/Pipe Support Specification
8. General HVAC Specification
9. General Structural Steel Specification
10. General Procurement Procedure
11. Generic Maintenance Requirements
12. General Equipment and Material Traceability Procedures
13. General Procedure for Initiating and Processing Nonconforming Items
14. Two Typical Construction Installation Procedures and Two Typical Inspection Procedures for:
  - Electrical Systems and Equipment
  - Cables
  - Raceway Supports
  - Instrumentation and Control Systems and Equipment
  - Concrete Placement and Testing

15. Pipe Supports/Restraints & Piping

Installation and inspection procedures

IEB 79-14 (As-Built) procedures

Standard/typical drawings that provide installation acceptance criteria

Expansion anchor installation and inspection procedures

16. HVAC

Duct, duct support, accessory and equipment installation and inspection procedure

Expansion anchor installation and inspection procedures

As-built and turnover procedures

Standard/typical drawings providing acceptance criteria

17. Welding and Nondestructive Testing Documents for:

- Welding Inspection for ASME NF Hangers
- Welding Inspection for ASME III Piping
- Welding Inspection for non-ASME Safety-Related Pipe Hangers and Supports
- Welding Inspection for HVAC Ducting and Hanger Supports
- Welder Qualification
- Radiography
- Provide a list of contractors and vendors who performed radiography either on-site or off-site and the location of the required documents.

18. Design Change Control

a. Licensee Documents

1. QA Procedures/Instructions for Document Control and Design Change Control
2. Engineering Department Procedures/Instructions for Document Control and Design Change Control

b. Engineer's Documents

Engineering Department Procedures for

- °Document Control
- °Design Change Control (including vendor requests)
- °Drawing Changes
- °Specification Changes
- °As-Built Drawings
- °Design Calculations
- °Design Verification
- °Requests for Information/Clarification

c. Constructor(s) Documents

1. Procedures for Document Control
2. Procedures for Requesting Design Changes
3. Procedures for Requesting Information/Clarification
4. Procedures for Preparation of Work Packages/Travelers