



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

OCT 04 1983

MEMORANDUM FOR: Thomas E. Murley, Regional Administrator, R-I

THRU: Richard C. DeYoung, Director
Office of Inspection and Enforcement *RDY*

FROM: James M. Taylor, Director
Division of Quality Assurance,
Safeguards, and Inspection Programs
Office of Inspection and Enforcement

SUBJECT: CONSTRUCTION APPRAISAL INSPECTION - NINE MILE POINT
UNIT 2 - DOCKET NO. 50-410

This memorandum confirms our plans to conduct an inspection at the Niagara Mohawk Power Company Nine Mile Point 2 construction site and the corporate offices. This inspection will be performed during November and December 1983, with site work beginning November 7, 1983. We anticipate site inspection to be conducted from November 7 to November 18, and November 28 to December 9, 1983. Inspections at the corporate office by selected team members are anticipated for the week of November 28. An exit meeting with licensee management is anticipated for December 9, or later, if additional effort is indicated.

A tentative inspection plan is enclosed. Please advise the licensee of these plans and notify the licensee that the inspectors will need clearance which will allow unescorted access to the site and applicable portions of the corporate office. A meeting with your staff in the Region I office by Mr. Heishman of my staff will be scheduled at a mutually convenient time with regard to the inspection plan.

A pre-inspection visit may be made to the site by a member of the team. This visit will be scheduled, if needed, for a time that is convenient to all affected parties and will be coordinated with Region I.

During the evening prior to the exit meeting, the inspection team will meet to review their findings. Attendance at this meeting, as well as the exit meeting, by the Resident Inspector and appropriate Regional management would be appreciated.

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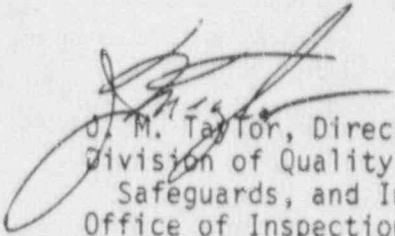
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Thomas E. Murley, R-I

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Questions concerning this inspection may be directed to R. F. Heishman (492-9644).



J. M. Taylor, Director
Division of Quality Assurance,
Safeguards, and Inspection Programs
Office of Inspection and Enforcement

Enclosures:

1. Inspection Plan
2. Documents Required for CAT Inspection

cc w/enclosures:

E. L. Jordan, IE
J. P. O'Reilly, R-II
J. G. Keppler, R-III
J. T. Collins, R-IV
J. B. Martin, R-V
LPM, NRR

INSPECTION PLAN

- I. Review ongoing work activities, completed work and management control systems in the following areas:
 - A. Quality Assurance
 - B. Project Management
 - C. Design Change Control and Corrective Action System
 - D. Electric and Instrumentation Construction
 - E. Welding - NDE
 - F. Mechanical Construction
 - G. Civil and Structural Construction
 - H. QC Inspector Effectiveness
 - I. Material Traceability
 - J. Procurement, Receipt and Storage

- II. For each of the areas listed above, determine the following:
 - A. Is hardware/product fabricated/installed as designed?
 - B. Do individuals who have been assigned responsibilities in a subject area understand their responsibilities?
 - C. Are quality verifications performed during the process with applicable hold points?
 - D. Do personnel involved with Quality Assurance/Quality Control have the organizational freedom to perform their tasks without intimidation?
 - E. Are management controls being established and implemented to control activities in the subject areas?

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. The NRC Resident Inspector should help provide a rational interpretation of this list to assure that the licensee is not inadvertently burdened with providing the NRC a large volume of paper. 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. General Electrical Specification
5. General Concrete Specification
6. General Procurement Procedure
7. Generic Maintenance Requirements
8. General Equipment and Material Traceability Procedures
9. General Procedure for Initiating and Processing Field Changes
10. General Procedure for Initiating and Processing Nonconforming Items
11. 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
12. 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 -

13. HVAC

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

Expansion anchor installation and inspection procedures

As-built and turnover procedures

Standard/typical drawings providing acceptance criteria

14. 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