

U.S. NUCLEAR REGULATORY COMMISSION  
Region I

Report No. 50-410/86-32  
Docket No. 50-410  
License No. CPPR-112  
Licensee: Niagara Mohawk Power Corporation  
300 Erie Boulevard, West  
Syracuse, New York 13202

Facility Name: Nine Mile Point Nuclear Station, Unit 2

Inspection At: Scriba, New York

Inspection Conducted: June 23-25, 1986

Inspector: E. H. Gray 7/15/86  
E. H. Gray, Lead Reactor Engineer date

Approved By: K. M. Wiggins for 7/15/86  
J. T. Wiggins, Chief, Materials and Processes date  
Section, EB, DRS

Inspection Summary: Inspection June 23-25, 1986 (Inspection Report No. 50-410/86-32)

Areas Inspected: Routine unannounced inspection by one region based inspector of the preservice inspection (PSI) program and review of the installation procedure and QC inspection of bolted flanged piping joints.

Results: No violations were identified.

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## DETAILS

### 1.0 Persons Contacted

- \* S. Agarwal, Special Projects, SWEC
- J. Burgess, Quality Assurance, SWEC
- J. DeBonis, PSI Coordinator, SWEC
- R. Deuvall, Project Engineer, NMPC
- A. Doud, ISI Engineer, NMPC
- \* I. Weakley, Special Projects, NMPC

\* Denotes those at exit meeting on June 25, 1986.

### 2.0 Licensee Action on Previous Inspection Findings

(Closed) CDR 84-00-28. Installation of QA Category 1 bolted flanged piping joints by ITT Grinnell without a documented procedure.

The inspector reviewed additional documentation furnished to the NRC subsequent to inspection 50-410/86-28. Included were the following:

- Response dated 6/18/86 to item 84-00-28 by SWEC
- FQC 9.1-4-11, Instruction for Review of Documentation Packages
- Corrective Action Report 652 dated 7/3/84
- FQC 4.2-25-4, dated 5/24/84, Bolting Requirements
- FQC 4.2-25-7, dated 9/5/85, Bolting Requirements
- ISO-24-1, Data Package including ASME N5 Data Report
- Bolted Joint Document Review Computer Data Summary

The data summary indicates review and approval by SWEC of ITT bolt installation.

Documentation packages included bolting data sheets for the 752 Class 1, 2 and 3 bolted joints. The bolting requirements of Procedure FQC-4.2-25-4 and 7 were compared to the ASME code requirements for mechanical joints in parts NB, NC and ND 4700 as applicable to Class 1, 2 and 3 components. As the data summary reviewed above indicates, completion of the review by SWEC of bolted joint documentation addressed conformance to Procedure FQC 4.2-25. This item is closed.

### 3. Preservice Inspection (PSI), Inservice Inspection (ISI)

The inspector reviewed recent work by the licensee (NMPC), the prime contractor (SWEC) and the PSI-NDE contractor (NES) in the area of preservice inspection of Class 1, 2 and 3 piping. Inspection Report 50-410/85-46 presents previous inspection results of the PSI program, work observations and data review.



Portions of the following were examined:

- The PSI Data Base of Components requiring Volumetric, Surface, and/or Visual Inspection
- The PSI Final Report (Draft), Document 83A2693 of Manual Examinations of Nuclear Piping and the Reactor Pressure Vessel.
- The PSI Final Report (Draft), Document 83A2692, for Automated Ultrasonic Examinations of the Reactor Pressure Vessel
- ISI Instruction No. ISI-006, Instructions for Initiation of Corrective Action, Revision 2
- Relief Requests RR-IWB-1 through RR-IWB-9 and Relief Requests RR-IWC-7/8
- Control and transfer of PSI data from SWEC to NMPC
- PSI-ISI staffing by NMPC as supported by contractor personnel
- Interfaces between SWEC and NMPC PSI-ISI staff.

The above were compared to the ASME Code Section XI 1980 Edition through the Winter 1980 Addenda (for ISI) and the 1974 Code through the Summer 1975 (for PSI) as applicable. The PSI program activities were found to be essentially complete with final documentation in progress. Planning and preparation for the ISI program were noted to be in progress.

No violations were identified.

#### 4. Exit Interview

The inspector met with licensee representatives denoted in paragraph 1 at the conclusion of the inspection on June 25, 1986. The inspector summarized the purpose and the scope of the inspection and the findings. At no time during this inspection was written material provided by the inspector to the licensee.

