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ACCESSION NBR:8012230462 DOC.DATE: 80/12/17 NOTARIZED: NO DOCKET #  
 FACIL:50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410  
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 RHODE,G.K. Niagara Mohawk Power Corp. *in A17*  
 RECIP:NAME RECIPIENT AFFILIATION  
 CARLSON,R.T. Region 1, Philadelphia, Reactor Construction & Engineeri

SUBJECT: Suppl to final deficiency rept,transmitting corrected.Pages  
 31 & 38 to biological shield wall rept & changing full  
 implementaion date from Nove 1980 to Jan 1981.

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DEC 29 1980



**NIAGARA  
MOHAWK**

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

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December 17, 1980

Office of Inspection and Enforcement  
Region I  
Attention: Mr. R. T. Carlson, Chief  
Reactor Construction and Engineering  
Support Branch  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Carlson:

Re: Nine Mile Point Unit 1  
Docket No. 50-410

Niagara Mohawk's letter of August 1, 1980, transmitted the final 10CFR50.55(e) report concerning the Nine Mile Point Unit 2 biological shield wall. Section V, QUALITY ASSURANCE/CORRECTIVE ACTION, of this report identified certain Quality Assurance Program requirements to be implemented to reduce the possibility of recurrence of the deficiencies.

Due to the amount of manpower required to implement the enhancements, full implementation was not achieved by the committed date for two items. Per discussions with your staff, attached are corrected pages 37 and 38 to the Biological Shield Wall Report, which changes the full implementation date for these items from November, 1980 to January, 1981.

Very truly yours,

NIAGARA MOHAWK POWER CORPORATION

  
Gerald K. Rhode  
Vice President

System Project Management

PEF/kmb

cc: Director of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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## 2. Additional Engineering Involvement

The S&W PQA Division has reviewed its operations to determine where system improvements might avoid seller problems. As a result of this review, the following will be applied to all new major Category I orders and selected orders already awarded.

### Seller Selection Process

Expand the present S&W QA survey program to include verification of the seller's manufacturing capability. The survey team will consist of a qualified quality assurance auditor, the responsible Engineer on the project, and the engineering specialist as required. The team will verify the presence of adequate engineering, design, manufacturing, and quality assurance capabilities.

### Post-Award Activities

- a. Include S&W Engineers on project and/or S&W equipment specialists as members of the PQA Post-Award Conference.
- b. Include S&W Engineers on project and S&W engineering assurance personnel as required in audits for recertification.

Initial Implementation - August 1980

Full Implementation - December 1980

## 3. Additional Direction to PQA Inspection and Project Engineering Personnel

S&W PQA and project engineering personnel will review existing and future Category I specifications for problems inherent in heavy section weldments, including the QA/QC requirements related to:

- Welding joint design
- Welding control and inspection
- Fabricator NDE procedure review and approval
- Fabricator conference to manufacturing plans
- Vendor personnel qualifications
- Exercise of stop work procedures under appropriate circumstances

Initial Implementation - September 1980

Full Implementation - January 1981



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4. More Extensive Process Surveillance in Seller's Facility

A review of existing and future Category I specifications will be performed and a determination made of those orders that will require increased S&W PQA surveillance. In order to implement this increased surveillance, S&W will prepare a plan tailored to each pertinent order and submit it to NMPC for concurrence.

Initial Implementation - August 1980  
Initial Specification Review and Revised Inspection Plans will be implemented by January 1981.

5. Other Procedure and Program Improvements

- a. For future and selected existing Category I orders where ultrasonic testing (UT) is utilized, the specification will establish hold points at which, prior to performance of any UT, the S&W PQA inspector, aided by Nondestructive Testing (NDT) Division engineers, will evaluate the effectiveness of the seller's UT techniques, operators, and general implementation of the test parameters. All UT procedure qualifications (techniques) will be approved by the S&W Nondestructive Testing (NDT) Division engineers at the preestablished hold point as required by specification for each different configuration.
- b. For future and selected existing Category I specifications S&W QA will establish notification points for application of all NDE methods other than UT. The NDT Division Engineer will verify NDE applications on a random basis after coordinating the activity with the S&W PQA inspector. Procedure qualifications (techniques) will be reviewed on a selected basis dependent on observations at the preestablished notification point.
- c. Require S&W PQA attendance at any pre-award meeting between S&W Engineers on project and seller.
- d. Require sellers to notify S&W Project Management of any changes in their quality assurance management.

Initial Implementation - August 1980  
Initial Review of Existing Specifications will be Implemented by November 1980.

