

FORD 1

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50-410 Nine Mile Point Nuclear Station, Unit 2; Niagara Moha 05000410
AUTH. NAME AUTHOR AFFILIATION
DURR, J.P. Region 1 (Post 820201)
RECIP. NAME RECIPIENT AFFILIATION
SYLVIA, B.R. Niagara Mohawk Power Corp.

SUBJECT: Confirms dates of 930628-0716 for svc water sys operational performance insp at units 1 & 2.

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APR 19 1993

Docket Nos. 50-220
50-410

Mr. B. Ralph Sylvia
Executive Vice President - Nuclear
Niagara Mohawk Power Corporation
301 Plainfield Road
Syracuse, New York 13212

Dear Mr. Sylvia:

Subject: SERVICE WATER SYSTEM OPERATIONAL PERFORMANCE
INSPECTION AT NINE MILE POINT, UNITS 1 and 2

This letter confirms the dates of June 28 - July 2, and July 12 - 16, 1993 for a service water system operational performance inspection (SWSOPI) at Nine Mile Point, Units 1 and 2. A pre-inspection visit by the team leader and some team members is also scheduled during the week of June 14, 1993, to gather information requested in the enclosure to this letter.

The primary objectives of this inspection will be to assess the design, operation, maintenance, surveillance, and testing aspects of the service water system (SWS) at Nine Mile Point, Units 1 and 2 and to determine whether the SWS is capable of performing its intended safety functions during all plant operating and accident conditions. The team will also evaluate the implementation of the quality assurance and corrective action programs as related to the SWS and your planned and completed actions in response to Generic Letter 89-13, "Service Water System Problems Affecting Safety-Related Equipment".

We request that you make available the information listed in the enclosure for each unit during the pre-inspection visit scheduled for the week of June 14, 1993. Your cooperation with us during this inspection will be appreciated. Should you have any questions regarding the information requested or the inspection, please contact the team leader, Mr. Leonard Prividy at (215) 337-5140 or me at (215) 337-5282.

Sincerely,

Jacque P. Durr, Chief
Engineering Branch
Division of Reactor Safety

Enclosure: SWSOPI Information Request

9304260004 930419
PDR ADDCK 05000220
G PDR

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APR 19 1993

Mr. B. Ralph Sylvia

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cc w/encl:

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Vice President - Nuclear Generation
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ENCLOSURE

INFORMATION REQUEST FOR SERVICE WATER SYSTEM OPERATIONAL PERFORMANCE INSPECTION AT NINE MILE POINT

Note: This information request applies to those Unit 1 and 2 service water systems or portions thereof to which Generic Letter 89-13 applies. For ease of reference, the information should be appropriately labeled and organized by unit and category/item number (e.g., Design, Item 2. - SW system description).

General:

1. Niagara Mohawk docketed responses and followup actions to Generic Letter 89-13.
2. Charts of the plant and engineering organizations.

Design:

1. Design basis and other design documents (procurement specifications of all equipment such as pumps, heat exchangers, valves, orifices, strainers, etc.; significant design changes with associated documentation; thermal and hydraulic calculations and analyses; a summary of normal and accident heat load inputs to the service water system (SWS)).
2. SW system description.
3. The Unit 2 secondary containment drawdown analysis with time dependent heat inputs.
4. Certified pump curves (witnessed test curves).
5. Cross-sectional drawings of major equipment such as pumps and heat exchangers.
6. Piping and instrument diagrams (P&IDs) for the SWS, its lubricating water system, and other interconnected and auxiliary systems.
7. Licensing requirements and commitments, if not already included in the FSAR.
8. Documents related to the present SWS status such as temporary modifications, technical specification interpretations, etc.
9. Analyses supporting single active failure adequacy.
10. Flow data for system components and heat transfer data for heat exchanger/coolers for the various SWS operating modes.



11. Water hammer/pressure surge protection information.
12. A list and description of SWS modifications performed with the applicable safety evaluations. The entire modification package is not intended in this request.
13. Any justifications for continued operation or non-modification safety evaluations written since January, 1989 and involving the SWS.
14. All relevant documentation, analyses, implementation procedures, inspection results, etc. credited for satisfying the actions requested by Generic Letter 89-13 in the design area.

Operations:

1. SWS (including ultimate heat sink, traveling screens, etc.) training information for licensed and non-licensed operators including lesson plans, training text, handout material, task performance measures, etc. covering system alignment, operation, and abnormal conditions or emergency response.
2. SWS operating procedures (including ultimate heat sink, traveling screens, etc.) for system alignment, operation, and abnormal conditions or emergency response.
3. SWS alarm response procedures for evaluating and responding to control room or local alarms.
4. P&IDs and logic diagrams for the SWS, its lubricating water system, and other interconnected and auxiliary systems.
5. All relevant documentation, analyses, implementing procedures, inspection results, etc. credited for satisfying the actions requested by Generic Letter 89-13 in the operations area.

Maintenance:

1. Preventive and corrective maintenance procedures for the SWS components, related instrumentation and power supplies.
2. Vendor manuals for the previous item.
3. Maintenance history for selected components for the last 2 years. This list of selected components will be provided later.



4. Training information for maintenance personnel including lesson plans, training text, handout material, task performance measures, etc. covering training and qualification for skills used in maintaining the SWS (including ultimate heat sink, traveling screens, etc.).
5. A list of the SWS maintenance backlog.
6. A list of the SWS maintenance activities scheduled for the period June 14, 1993 to July 16, 1993.
7. Implementing procedures and trending information associated with the ASME Section XI inservice testing program for SWS pumps and valves.
8. Copies of LCO logs from March, 1991 through March, 1993.
9. All relevant documentation, analyses, implementing procedures, inspection results, etc. that are credited for satisfying the actions requested by Generic Letter 89-13 in the maintenance area.

Surveillance and Testing:

1. A copy of the completed preoperational SWS test procedure or a copy of any subsequent completed SWS test procedure that may have superseded the preoperational test.
2. A copy of the most recent completed Technical Specification procedures for the SWS, including the integrated ESF test if applicable.
3. A list of programs and procedures that Niagara Mohawk credits for maintaining the condition and demonstrating the operability of the SWS (e.g., periodic inspection programs for biofouling, silting, erosion, corrosion, etc.).
4. A list of SWS surveillance and test activities scheduled during the period June 14, 1993 to July 16, 1993.
5. All relevant documentation, analyses, implementing procedures, inspection results, etc. that are credited for satisfying the actions requested by Generic Letter 89-13 in the surveillance and testing area.

Quality Assurance (QA) and Corrective Actions:

1. Licensee event reports and enforcement actions written since January, 1989 and involving the SWS.



2. Plant onsite review committee and offsite safety review committee meeting minutes for the past 6 months.
3. Niagara Mohawk QA type nonconformance reports written against SWS components since January, 1990.
4. Niagara Mohawk QA verification activities (e.g., technical audits or surveillances) or other self assessment reports related to the SWS since January, 1990.
5. A list of the open items applicable to QA or self assessment identified findings for the SWS.

