



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III

799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137-5927

SEP 29 1993

Docket No. 50-305

Wisconsin Public Service
Corporation
ATTN: Mr. C. A. Schrock
Manager - Nuclear Engineering
Post Office Box 19002
Green Bay, WI 54307-9002

Dear Mr. Schrock:

SUBJECT: DOCUMENTATION REQUEST TO SUPPORT THE KEWAUNEE NUCLEAR POWER PLANT
SERVICE WATER SYSTEM OPERATIONAL PERFORMANCE INSPECTION


I would like to inform you that the NRC will perform a service water system operational performance inspection (SWSOPI) at the Kewaunee Nuclear Power Plant. The inspection's onsite activities are scheduled for the weeks of February 21 and March 7, 1994.

The inspection will assess design, operation, maintenance, surveillance, and quality assurance and corrective actions associated with the Kewaunee service water system. The team will also assess your actions in response to Generic Letter (GL) 89-13, "Service Water System Problems Affecting Safety Related Equipment." To accomplish its objectives, the SWSOPI team will review a broad range of information and activities for the service water system. Attachment 1 lists items which the team expects to review. The list is being provided to allow you to anticipate the team's informational needs. I request your assistance in making this information available for review during the February 7-11, 1994, pre-inspection site visit.

Region III has found system overview presentations an effective way for the NRC and the licensee to exchange relevant inspection information. To this end, I request your assistance in providing an informal presentation during the pre-inspection visit describing the service water system's design and operation, significant system modifications, GL 89-13 actions, and a system problem history. In addition to the presentation, the team would like a general plant and SWS specific tour during the trip.

If you have any questions regarding Attachment 1 or the inspection itself, please contact Mr. Rolf A. Westberg (708/790-5776) of my staff.

Sincerely,


William L. Forney, Acting Director
Division of Reactor Safety

Attachment: As stated

See Attached Distribution

010016

9310040079 930929
PDR ADDCK 05000305
Q PDR

PUBLISHED - TFS

MA-4
dbf

ATTACHMENT 1

SWSOP1 INFORMATION REQUEST

1. Service water (SW) design basis and other design documents including: procurement specifications of all equipment such as pumps, heat exchangers, valves, orifices, etc.; significant design changes with associated documentation; thermal and hydraulic calculations and analyses; and summary of normal and accident heat load input to the service water system.
2. Certified pump curves (witnessed test curves).
3. Cross-sectional drawings of major SW equipment such as pumps and heat exchangers.
4. P&IDs of the service water system, its lube water system, and other interconnected and auxiliary systems.
5. SW licensing requirements and commitments, if not already in the FSAR.
6. SW analyses supporting single active failure adequacy.
7. SW flow data for system components and heat transfer data for heat exchanger/coolers for various modes.
8. SW water hammer/surge pressure protection information.
9. A list of modifications to the service water system.
10. SW all relevant documentation, analyses, implementing procedures, inspection results, etc credited for satisfying the action requested by Generic Letter 89-13 in the design area.
11. SW system operating procedures (including ultimate heat sink, traveling screens, etc.) training information for licensed/non-licensed operators including lesson plans, training text, handout material, task performance measures, etc covering system alignment, operation, and abnormal condition or emergency response.
12. SW system operating procedures (including ultimate heat sink, traveling screens, etc.) for system alignment, operation, and abnormal condition or emergency response.
13. SW system response procedures, i.e., those procedures for evaluating and responding to control room or local alarms that may lead into Q-12 procedures.
14. All relevant documentation, analyses, implementing procedures, inspection results, etc. credited for satisfying the action requested by Generic Letter 89-13 in the operation area.

30. Plant onsite review committee and offsite review committee meeting minutes for the past 6 months.
31. A list of all SW system items in the QA open item tracking system.
32. NPRDS reports and nonconformance reports related to the SW system for the last 2 years.
33. Quality verification activities related to the SW system (i.e., technical audits).
34. A listing of all SW system deficiencies (as reported in deficiency logs and condition reports).