

January 6, 2000

Duke Energy Corporation
ATTN: Mr. H. B. Barron
Vice President
McGuire Site
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

**SUBJECT: SAFETY SYSTEM ENGINEERING INSPECTION (NRC INSPECTION REPORT
NOS. 50-369, 370/2000-03)**

Dear Mr. Barron:

The purpose of this letter is to announce a safety system engineering inspection at your McGuire facility which is scheduled for February 21 - March 3, 2000. The inspection will be conducted using Inspection Procedure 93809, "Safety System Engineering Inspection." A team of four inspectors will perform the inspection. The designated team leader, Joseph J. Lenahan, will make arrangements with your staff to discuss the inspection plan in more detail.

The inspection objective will be to evaluate the capability of the nuclear service water (RN) and chemical volume and control (NV) systems to perform safety functions required by their design bases. The team will require the information outlined in the enclosure for the RN and NV systems to review in preparation for the inspection. Please contact Mr. Joseph J. Lenahan at (404) 562-4625 prior to preparing the requested information. This information will be needed by February 9, 2000, in order to support the inspection effort.

Thank you for your cooperation in this matter. If you have any questions regarding this inspection, please contact Mr. Kerry D. Landis at (404) 562-4605 or Mr. Joseph J. Lenahan.

Sincerely,

Original signed by
Kerry D. Landis

Kerry D. Landis, Chief
Engineering Branch
Division of Reactor Safety

Docket Nos. 50-369, 50-370
License Nos. NPF-9, NPF-17

Enclosure: Information Requested for Nuclear Service Water (RN) and Chemical and Volume Control (NV) Systems

cc w/encl: (See page 2)

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OFFICE	RII:DRS	RII:DRS	RII:DRP				
SIGNATURE							
NAME	JLENAHAN:jc	KLANDIS	COGLE				
DATE	1/5/2000	1/5/2000	1/ /2000	1/ /2000	1/ /2000	1/ /2000	1/ /2000
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

INFORMATION REQUESTED FOR THE NUCLEAR SERVICE WATER (RN) AND CHEMICAL AND VOLUME CONTROL (NV) SYSTEMS

- Site specific administrative procedures related to standard operation, abnormal operation, and emergency operation of the RN and NV systems.
- Design criteria for the RN and NV Systems and support systems and interfaces.
- RN and NV Technical Specification requirements and associated surveillance test/calibration procedures.
- RN and NV systems piping and instrumentation drawings; one line diagrams; electrical schematics; wiring and logic diagrams.
- A list of engineering calculations (Electrical, Instrumentation and Controls and Mechanical/Nuclear) applicable to the RN and NV systems.
- A list of plant modifications to the RN and NV systems implemented since plant licensing.
- A list of Problem Investigation Process Reports initiated since 1990 affecting the RN and NV systems.
- List of current open temporary modifications and operator work arounds involving operation of the RN and NV systems.
- System Health Report and Performance Trends for the RN and NV systems.
- Maintenance Rule Performance criteria for the RN and NV systems.
- Documentation of corrective and preventive maintenance activities, including the maintenance rule event log, performed on the RN and NV systems in the past 12 months.
- Copies of applicable sections of changes to the UFSAR (which have yet to be docketed) for the RN and NV systems.
- An index of drawings for the RN and NV systems,
- Copies of self-assessments performed on the RN and NV systems in the last 24 months.
- The system descriptions and operator training modules for the RN and NV systems.

Enclosure