

September 22, 1998

Tennessee Valley Authority
ATTN: Mr. J. A. Scalice
Chief Nuclear Officer and
Executive Vice President
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: SAFETY SYSTEM ENGINEERING INSPECTION (NRC INSPECTION REPORT
NO. 50-260.296/98-11)

Dear Mr. Scalice:

The purpose of this letter is to announce our safety system engineering inspection (SSEI) at your Browns Ferry facility. We have scheduled this inspection for November 16-20, and November 30-December 4, 1998. The designated team leader Caswell Smith, 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 high pressure coolant injection (HPCI) system to perform safety functions required by its design basis. The inspection will be conducted using Inspection Procedure 93809, "Safety System Engineering Inspection (SSEI)", and will involve a team of at least four inspectors.

The team will require design basis and operations information about the HPCI system for their in-office preparation for the inspection. A description of the information that is needed is outlined in the enclosure. This information will be needed by October 30, 1998 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. C. Smith at (404) 562-4630 or Mr. K. Landis at (404) 562-4605.

Sincerely,

Original signed by
Kerry D. Landis

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

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Docket Nos. 50-259, 50-260, 50-296
License Nos. DPR-33, DPR-52, DPR-68

Enclosure: Information Requested for High Pressure
Coolant Injection (HPCI) System

cc w/encl: (See page 2)

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NRC Senior Resident Inspector
 U. S. Nuclear Regulatory Commission
 10833 Shaw Road
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OFFICE	RII:DRS	RII:DRS	RII:DRP								
SIGNATURE											
NAME	CSmith:pd	KLandis	HChristensen								
DATE	9/17/98	9/17/98	9/22/98	9/	/98	9/	/98	9/	/98	9/	/98
COPY?	YES NO	YES NO	YES NO	YES	NO	YES	NO	YES	NO	YES	NO

INFORMATION REQUESTED FOR
THE HIGH PRESSURE COOLANT INJECTION (HPCI) SYSTEM

- Browns Ferry Nuclear Plant (BFNP) applicable NRC Safety Evaluations, and TVA's commitment tracking system for the HPCI system.
- Site specific administrative procedures related to standard operation, abnormal operation, and emergency operation of the HPCI system.
- Design criteria for the HPCI System in addition to support systems and interfaces including but not limited to the Main Steam System, Emergency Equipment Cooling Water System, the Class 1E AC Power System and the Class 1E DC Power system.
- HPCI Technical Specification requirements and associated surveillance test/calibration procedures.
- System piping and instrumentation drawings; one line diagrams; electrical schematics; wiring and logic diagrams; procurement specification for major components and applicable Vendor information available on site.
- Engineering Calculations: Electrical and Instrumentation and Controls and Mechanical/Nuclear Calculations.
- Permanent and temporary plant modifications (including the associated 10 CFR 50.59 safety evaluations) implemented since plant licensing.
- Relevant regulatory information regarding information notices, generic letters and special studies that TVA has performed for the HPCI system.
- Industry codes and standards applicable to the assigned functional areas as they pertain to the HPCI system design requirements.
- HPCI system related LERs for the past 12 months.
- Problem Evaluation Reports (PERs) for the HPCI system since plant licensing.
- List of operator work arounds involving operation of the HPCI system.
- System Health Report and Performance Trends for the HPCI system.
- Maintenance Rule Performance criteria for the HPCI system.
- Documentation of corrective and preventive maintenance activities performed on the HPCI system for the past 12 months.
- PRA insights relative to the HPCI system.

Enclosure