



SAFEGUARDS INFORMATION

NUCLEAR REGULATORY COMMISSION
REGION II
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ATLANTA, GEORGIA 30323-0199

Report Nos.: 50-259/96-02, 50-260/96-02, and 50-296/96-02

Licensee: Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

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

Facility Name: Browns Ferry Nuclear Plant

Inspection Conducted: January 22-26, 1996

Inspector: David H. Thompson 2/1/96
David H. Thompson, Safeguards Inspector Date Signed

Approved by: Paul Fredrickson 2/9/96
Paul Fredrickson, Chief Date Signed
Special Inspection Branch
Division of Reactor Safety

SUMMARY

Scope:

This routine, unannounced inspection was conducted in the various aspects of the Security Program for Power Reactors. Specifically; security program plans and implementing procedures; management support; testing and maintenance; security system power supply; assessment aids; detection aids; alarm stations and communications.

Results:

In the areas inspected, violations or deviations were not identified. Observation and inspection results confirmed operational effectiveness of the security program. Senior management's support of the security program was evident by their daily involvement with the security staff and their willingness to assist the security force when they expressed a need for support. Additionally, it was evident by the resources applied and engineering support that senior management was and continues to be involved with the installation and operation of the new security system. The security program was well managed by experienced and innovative managers, supervisors, and security shift personnel. Security plans and procedures were found to be very detailed and they fully implemented the physical security plan requirements. The testing program for the newly installed security system was detailed and provided for a very thorough review of the system requirements before acceptance. A review of the licensee's documentation determined that testing of the security system power supply had verified that the security system power supply was capable of supporting the security system hardware.

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2

With few exceptions (see paragraph 2.5.1) the cameras provided a very good assessment of the zones of detection. Protected area detection aids were properly installed and were generating very few false/nuisance alarms. During the month of December 1995, the vital area door detection aids were generating a high number of false/nuisance alarms which is further discussed in paragraph 2.6.2. (This will be an inspector follow-up item No. 96-02-01.) Alarm stations and communications equipment were found to be properly installed and fully supported the requirements of the physical security plan. The alarm station operators were found to be well trained and capable of properly operating the new computer and communications equipment.

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