



SAFEGUARDS INFORMATION

UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
101 MARIETTA STREET, N.W., SUITE 2900
ATLANTA, GEORGIA 30323-0199

Report Nos.: 50-259/96-07, 50-260/96-07 and 50-296/96-07

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: June 17-21, 1996

Inspector: David H. Thompson
David H. Thompson, Safeguards Inspector

7-17-96
Date Signed

Accompanying Personnel: D. Harrington, Contractor, Office of Nuclear Reactor
Regulation (NRR)

D. Orrick, Safeguards Branch, NRR

D. Spear, Contractor, NRR

Approved by: Paul E. Fredrickson
Paul E. Fredrickson, Chief
Special Inspection Branch
Division of Reactor Safety

7/19/96
Date Signed

SUMMARY

Scope:

This special/routine, announced inspection was conducted in the various aspects of the Security Program for Power Reactors, specifically: detection aids - protected area; assessment aids - protected area; alarm stations and communications; access control - personnel and packages; and safeguards contingency plans.

Results:

In the areas inspected, one violation and one inspector follow-up item were identified. Observation and inspection results confirmed operational effectiveness of the security program. Detection aids - protected area were found to be properly installed and alarms were operational and capable of alarming in the event of an attempted intrusion except at one zone which is discussed in paragraph 2.1. Assessment aids were found to be functional and provided the capability for the alarm station operators to properly assess the alarms emanating from the protected areas except at one area which is

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discussed in paragraph 2.2. The detection and assessment deficiency is an inspector follow-up item (96-07-01). Alarm station and communications equipment were found to be installed in accordance with the Physical Security Plan requirements. Alarm station operators were observed during normal and contingency operations and they were determined to be well trained and capable of responding to all situations. The communications were effective and continuous communication could be maintained with on-duty officers and local law enforcement officers. The inspectors noted during testing of the access control system that an individual using the technique defined in paragraph 2.4, could potentially pass a weapon through the metal detector. Additionally, while the inspectors were observing testing of the x-ray equipment the search officers failed to detect a weapon during a hand search of packages. This is a violation of regulatory requirements (96-07-02). During observation of a table-top drill and a response drill the inspectors concluded that the licensee had developed a protective strategy for responding to defined threats. The contingency plan was reviewed and found acceptable.

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