

SAFEGUARDS INFORMATION

September 3, 2010

Mr. R. M. Krich
Vice President, Nuclear Licensing
Tennessee Valley Authority
3R Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: WATTS BAR NUCLEAR PLANT – NRC SECURITY INSPECTION
05000390/2010201

Dear Mr. Krich:

On July 16, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at the Watts Bar Nuclear Plant. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were telephonically discussed on July 21, 2010, with Mr. Don Grissette, Site Vice President, and other members of the site staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

This report documents four findings of very low security significance (i.e., Green as determined by the Physical Protection Significance Determination Process). The deficiencies were promptly corrected or compensated for, and the plant was in compliance with applicable physical protection and security requirements within the scope of this inspection before the inspectors left the site.

The findings had a cross-cutting aspect in the area of Human Performance because the licensee failed to ensure that personnel, equipment, procedures, and other resources are available and adequate to assure nuclear security and personnel work practices support human performance. If you disagree with the cross-cutting aspect assigned to any findings in this report, you should provide a response within 30 days of the date of this inspection report, with the basis for your disagreement, to the Director, Nuclear Security Incident Response, and to the Branch Chief, Security Performance Evaluation Branch.

The findings were all NRC identified.

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In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agency-wide Documents Access and Management Systems (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (The Public Electronic Reading Room). However, because of the security-related concerns contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosures will not be available for public inspection.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information-Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

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Should you have any questions concerning this letter, please contact us. Your cooperation is appreciated.

Sincerely,

/RA/

Robert C. Johnson, Chief
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

Docket No.: 50-390
License No.: NPF-90

Nonpublic Enclosure: Inspection Report 05000390/2010201
w/ Attachments: Supplemental Information, Table of Security Personnel,
Exercise One, Exercise Two, Exercise Three (SAFEGUARDS)

cc w/encl: D. Brady, NSIR
J. Curry, NSIR
J. Trapp, RI
M. Ernstes, RII
E. Duncan, RIII
M. Shannon, RIV
M. Skaggs, Watts Bar Nuclear Plant
G. Boerschig, Watts Bar Nuclear Plant
K. Polson, Browns Ferry Nuclear Plant
L. Nicholson, Tennessee Valley Authority
M. Purcell, Tennessee Valley Authority
M. Brandon, Watts Bar Nuclear Plant
P. Asendorf, Tennessee Valley Authority
C. Glover, Tennessee Valley Authority
K. Bayles, Watts Bar Nuclear Plant
A. Bhatnager, Tennessee Valley Authority
M. Bajestani, Watts Bar Nuclear Plant
G. Arent, Tennessee Valley Authority

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ADAMS ACCESSION NO.: ML102380490

OFC	SS:DSO/SPEB	DSO	TL:DSO/SPEB	BC:R-II/DRS	SRI Watts Bar	BC:DSO/SPEB
NAME	C. Grigsby	J. Curry	J. Berry	M. Ernstes	R. Monk	R. Johnson
DATE	9/1/2010	9/1/2010	9/1/2010	9/2/2010	8/26/2010	9/3/2010