

Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

R.J. Adney
Site Vice President
Sequoyah Nuclear Plant

October 31, 1996

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of)	Docket Nos. 50-327
Tennessee Valley Authority)	50-328

SEQUOYAH NUCLEAR PLANT (SQN) - PREDECISIONAL ENFORCEMENT
CONFERENCE (EA 96-269)

The following information was requested at the Predecisional Enforcement Conference held on October 24, 1996 regarding the SQN fire protection program.

Question No. 1

When were the activities completed for the corrective actions listed on page 16 of the Predecisional Enforcement Conference presentation package?

The new fire protection manager was assigned to ensure fire protection requirements are appropriately implemented and raise personnel accountability on July 31, 1996. The subject procedure was revised to ensure transient fireloads do not remain in the plant for an extended period of time on August 16, 1996. Combustible material was removed from the two subject areas by August 1, 1996.

9611060116 961031
PDR ADOCK 05000327
0 PDR

05000327

D030%

U.S. Nuclear Regulatory Commission

Page 2

October 31, 1996

Question No. 2

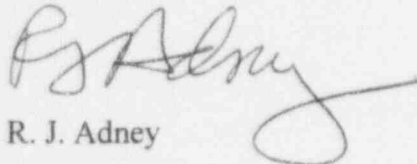
What are the safe shutdown or safety-related cables in the spare room on elevation 669 of the Auxiliary Building?

The only safe shutdown or safety-related cables in the spare room on elevation 669 of the Auxiliary Building are four steam generator (S/G) level cables. These cables are associated with only one of the three fire-safe shutdown S/G level indication circuits. Therefore, in the event of a fire in that room, a three-hour rated fire barrier prevents the fire from interacting with the two redundant channels of S/G level indication (routed on elevations 690 and 714 of the Auxiliary Building). This three-hour fire barrier provides the separation required to comply with 10 CFR 50, Appendix R, Section III.G.2.a. The ability to safely shut down the plant is not impacted by this condition. Attachment 1 provides a sketch of the S/G level cable routing.

Attachment 2 is a copy of the self-assessment that was performed by TVA on the SQN fire protection program.

Based upon careful review of our fire protection program activities to date, TVA determined that the problems pointed out by NRC and our Quality Assurance organization were associated with the failure to fully implement certain areas of the program. These problems did not, however, call into question or impair the effectiveness of the broad-based fire protection improvement plan of 1991. TVA has completed a significant amount of work in the fire protection area and, as we discussed at the Predecisional Enforcement Conference, 61 of 63 fire protection improvement plan activities have already been completed. TVA is confident that the corrective actions taken and the increased management attention dedicated to the fire protection program will be adequate to prevent recurrence of such problems in the future.

If you have any questions associated with this submittal, please call R. H. Shell at extension (423) 843-7170.

A handwritten signature in dark ink, appearing to read 'R. J. Adney', with a stylized, flowing script.

R. J. Adney

U.S. Nuclear Regulatory Commission

Page 3

October 31, 1996

RHS:KEM:EAM

cc (Attachments):

Mr. R. W. Hernan, Project Manager
Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

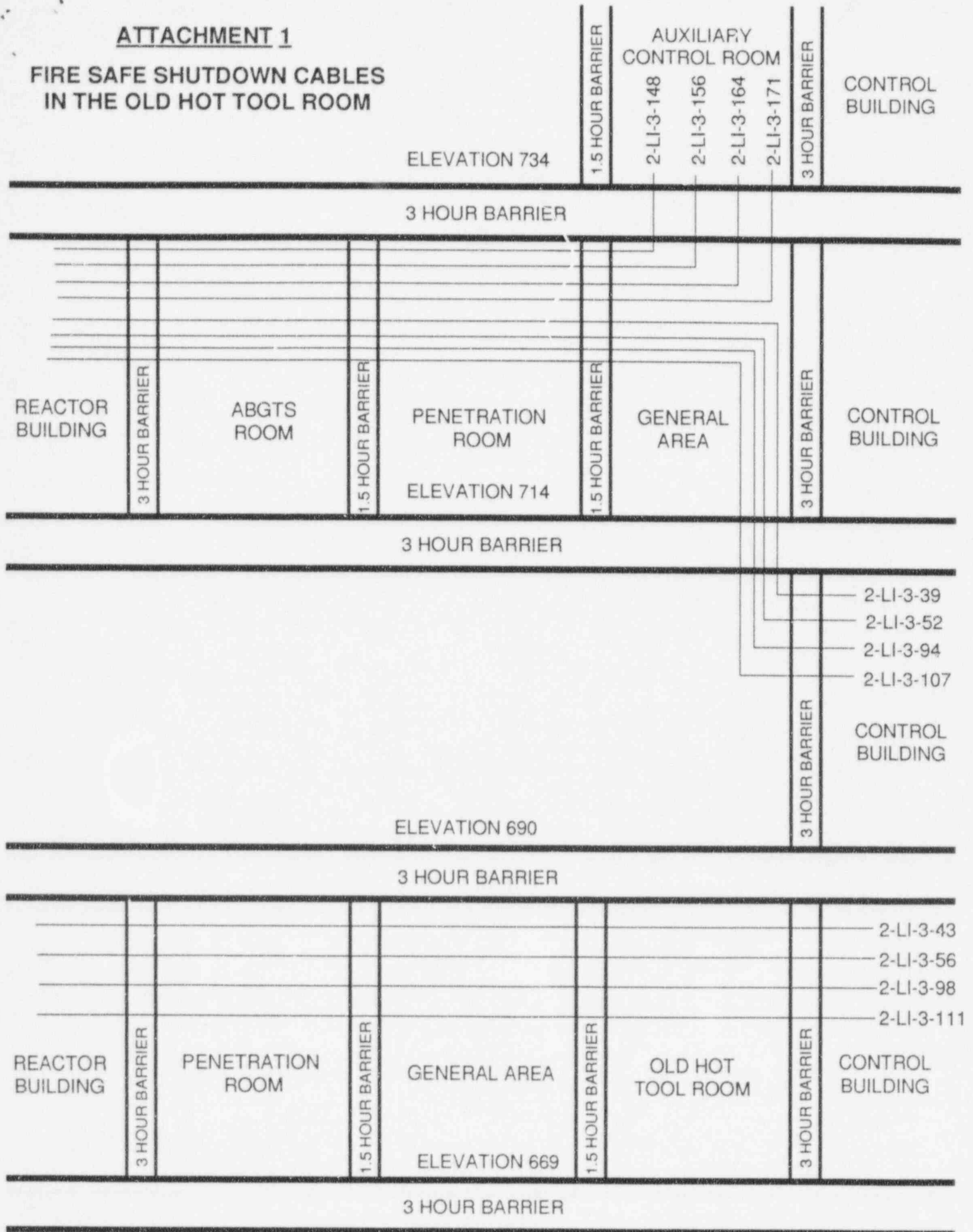
NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy-Daisy, Tennessee 37379-3624

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

R. J. Adney, OPS 4A-SQN
M. J. Burzynski, DSE 1A-SQN
P. P. Carier, BR 4G-C
E. S. Christenbury, ET 10A-K
K. N. Harris, LP 6A-C
J. T. Herron, POB 2B-SQN
M. O. Medford, LP 6A-C
O. J. Zeringue, LP 6A-C
RIMS, WT 3B-K

ATTACHMENT 1

FIRE SAFE SHUTDOWN CABLES IN THE OLD HOT TOOL ROOM



October 7, 1996

M. J. Burzynski, DSD 1A-SQN

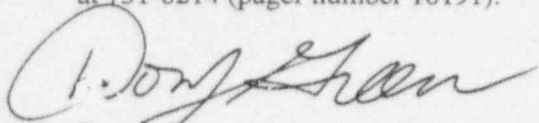
SEQUOYAH NUCLEAR PLANT (SQN) FIRE PROTECTION PROGRAM SELF-ASSESSMENT

The TVAN self-assessment of the SQN Fire Protection Program (FPP) was completed on schedule. The final report on the assessment is attached for your use. This team assessment addressed all aspects of the nuclear safety-related portion of the SQN FPP.

The team confirmed previously identified problems/deficiencies in addition to identifying other weaknesses in program implementation. These weaknesses centered on the quality of program documentation and the organizational interfaces and division of responsibilities. Three Problem Evaluation Reports (PERs) were initiated by the team addressing weaknesses in Appendix R analysis documentation, sprinkler system code compliance, and the maintenance instruction for Appendix R lighting, respectively. The TVAN Self-Assessment Team also provided recommendations for program enhancement based on recent TVAN experience and lessons learned at Browns Ferry and Watts Bar.

To ensure that the proper scope and focus was addressed in the assessment, Mr. Brian Melly, an independent, industry recognized fire protection consultant visited the site for two days and reviewed the draft assessment report. His endorsement of the assessment is included as Attachment 2 to this report.

If you have any questions about the attached report or the assessment, please contact Mark Salley directly at 751-8214 (pager number 10191).



Don Green
Chief Mechanical Engineer
TVAN Engineering
LP 4G-C

WAE:EHS

Attachment

cc (Attachment):

R. Abbas, EDB 2F-BFN
W. F. Adcock, LP 4F-C
J. R. Casey, OPS 3C-SQN
E. J. Bradley, LP 4H-C
T. R. Davis, MOB 2M-WBN
W. A. Eberly, LP 4G-C
J. K. Gates, BR 5A-C
I. M. Heatherly, DSD 1A-SQN
J. Herron, POB 2B-SQN
S. Hobson-Williams, BR 4P-C
H. L. Hustead, FTA 1A-JAT
L. L. Long, PEB 1A-BFN

M. J. Lorek, DSD 1A-SQN
R. S. Rosenfeld, BR 4P-C
J. R. Rupert, OPS 4A-SQN
R. H. Shell, OPS 4A-SQN
J. G. Sterchi, MDB 1F-WBN
J. S. Summy, POB 2B-SQN
R. V. White, PMA 1B-BFN
R. C. Williams, LP 4J-C
J. H. Young, MOB 2J-WBN
RIMS, WR 4Q-C