

TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

SEP 06 1985

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Denton:

The information requested in your August 21, 1985 letter to me is enclosed as follows:

1. A listing of all NSRS reports. (Enclosure 1)
2. A generic summarization of how TVA has addressed those safety-related matters raised in reports which have been resolved within TVA. (Enclosure 2)
3. Copies of all NSRS reports for which complete resolution has not been reached within TVA. (Enclosure 3)
4. Copies of all future NSRS reports will be handled as indicated in my letter to you dated August 29, 1985.
5. Summarization of resolution of safety-related NSRS reports from 3 and 4 above as they are resolved within TVA will be handled as indicated in my letter to you dated August 29, 1985.

Contained within enclosure 3 is a list of the NSRS reports with open items identified as well as copies of those reports. Three NSRS reports containing Safeguard information and one administratively confidential report are being sent separately by registered mail.

If I can be of further service, please let me know.

Sincerely,



W. F. Willis

Enclosures: 3

cc: Mr. J. Nelson Grace, (Enclosures)
Regional Administrator, Region II
Nuclear Regulatory Commission
101 Marietta Street, NW., Suite 2900
Atlanta, Georgia 30323

Mr. James M. Taylor (Enclosures)
Director Office of Inspection and Enforcement
Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE 1

NSRS REPORTS ISSUED OCTOBER 1979 - AUGUST 1985

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------------|---|
| 79-09-01 | October 5, 1979 | Excessive Wire Lifting to Facilitate Testing |
| 79-10-1 | January 21, 1980 | Operating Practices Where Protection System Isolation is Bypassed |
| 79-10-2 | October 29, 1979 | Terminations of Cable |
| 79-10-3 | October 11, 1979 | Nuclear Power Safety (Comments by Employee to IEEE Spectrum Magazine) |
| 79-12-01 | April 24, 1980 | Required Material Not in Sequoyah FSAR - Safety Concern on ERCW Pumping Station |
| 79-12-02 | NA | Browns Ferry Nuclear Plant - Investigation of Chlorine Accident - June 3, 1979 |
| 80-01-01 | March 26, 1980 (Memo) | Seismic and Environmental Qualification |
| 80-01-03 | January 11, 1980 (Memo) | Pipe Hangers and Supports |
| 80-02-01 | February 12, 1980 (Memo) | Nuclear Security |
| R-80-02-BFN | January 9, 1980 | Nuclear Safety Review Staff Investigation of Browns Ferry Unit 3 Containment Leakage Problem - December 6-9, 1979 |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|---|
| R-80-03-NUC PR | March 11, 1980 | Sequoyah Nuclear Plant - Shift Technical Advisor Program |
| R-80-04-SQN | April 30, 1980 | Inspection - Sequoyah Nuclear Plant - (1) Operator Training and Qualification Program - (2) Emergency and Abnormal Operating Instructions |
| R-80-05-SQN | June 26, 1980 | Sequoyah Nuclear Plant - Unit 1 - Routine Review |
| R-80-06-BFN | May 1, 1980 | Browns Ferry Nuclear Plant - Inspection of Cause of Reactor Scrams |
| R-80-07-BFN | July 28, 1980 | Browns Ferry Nuclear Plant - Special Investigation |
| R-80-09-WBN | August 8, 1980 | Watts Bar Nuclear Plant - Units 1 and 2 - Routine Review |
| R-80-10-BFN | August 6, 1980 | Browns Ferry Nuclear Plant - Units 1, 2, and 3 - Special Review of the Wire Lifts Performed on the Cooling Tower Lift Pumps |
| R-80-11-SQN | August 13, 1980 | Sequoyah Nuclear Plant - Unit 1 - Routine Review |
| R-80-12-BFN | August 13, 1980 | Browns Ferry Nuclear Plant - Units 1, 2, and 3 - Routine Review (1) Old Items - (2) Potential New Concerns |
| R-80-13-BFN | August 20, 1980 | Browns Ferry Nuclear Plant - Units 1, 2, and 3 - Special Review of Incidents and Activities Conducted to Resolve Deficiencies in the Control Rod Drive System Performance |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|--|
| I-80-14-NPS | January 28, 1981 | Office of Engineering Design and Construction - Quality Assurance Evaluation Report QAE 80-1 - Differing Staff Opinion |
| R-80-15-BFN | October 22, 1980 | Browns Ferry Nuclear Plant - Units 1, 2, and 3 - Special Review of the Ultrasonic Monitoring Program for the Scram Discharge Volume 6" Headers |
| R-80-16-NPS | November 25, 1980 | Low-Level Radioactive Waste Solidification Systems at Sequoyah Nuclear Plant |
| R-80-17-WBN | November 6, 1980 | Watts Bar Nuclear Plant - Units 1 and 2 - Routine Review |
| R-80-18-BFN | December 3, 1980 | Subjects Considered Important to Safety - Special Review |
| R-80-19-SQN | November 20, 1980 | Sequoyah Nuclear Plant - Preop Test Program for Unit - Routine Review |
| R-80-20-SQN | January 14, 1981 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |
| R-80-21-WBN | April 9, 1981 | Review of the WBN CONST Project Program Governing the Installation and Inspection of Safety-Related Pipe Supports |
| R-81-01-SQN | February 18, 1981 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |
| R-81-02-BFN | January 30, 1981 | Browns Ferry Nuclear Plant - Units 1, 2, and 3 - Special Review of the Events of October 9-18, 1980 Relating to the Piping Support Failures in the Tunnels |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|---|
| R-81-03-WBN | March 3, 1981 | Watts Bar Nuclear Plant - Unit 1 - Routine Review |
| R-81-04-YCN | January 13, 1982 | Employee Concern - Level of Safety at Yellow Creek Nuclear Plant |
| R-81-05-SQN | March 25, 1981 | Sequoyah Nuclear Plant - Unit 1 - Special Review of the Inadvertent Initiation of the Residual Heat Containment Spray System on February 11, 1981 |
| R-81-06-WBN | May 14, 1981 | Watts Bar Nuclear Plant - Unit 1 - Routine Review |
| R-81-07-SQN | May 1, 1981 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |
| R-81-08-BFN | May 15, 1981 | Major Management Review of the Office of Power and the Office of Health and Safety Management Controls |
| R-81-09-WBN | May 5, 1981 | Watts Bar Nuclear Plant - Routine Review |
| R-81-10-BFN | July 15, 1981 | Browns Ferry Nuclear Plant - Routine Review |
| R-81-11-WBN | July 1, 1981 | Watts Bar Nuclear Plant - Unit 1 - Special Review |
| R-81-12-SQN | July 15, 1981 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |
| R-81-13-NPS | September 4, 1981 | Special Review of TVA's Nuclear Security Program |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|--------------------|--------------------|--|
| R-81-14-OEDC(BLN) | September 19, 1981 | Major Management Review of the Office of Engineering Design and Construction |
| R-81-15-PURCH(BLN) | September 8, 1981 | Major Management Review of the Division of Purchasing Management Controls Affecting Bellefonte Nuclear Plant |
| R-81-16-WBN | August 17, 1981 | Watts Bar Nuclear Plant - Unit 1 - Routine Review |
| R-81-17-BFN | August 24, 1981 | Browns Ferry Nuclear Plant - Routine Review |
| R-81-18-WBN | September 2, 1981 | Watts Bar Nuclear Plant - CONST - Routine Review |
| R-81-19-NPS | September 29, 1981 | Special Review of the TVA Quality Assurance Program |
| R-81-20-WBN | October 7, 1981 | Watts Bar Nuclear Plant - Unit 1 - Routine Review |
| R-81-21-BLN | October 30, 1981 | Bellefonte Nuclear Plant - Units 1 and 2 - Routine Review |
| R-81-22-BLN | November 4, 1981 | Bellefonte Nuclear Plant - Routine Review of High-Energy Pipe Ruptures Outside Containment |
| R-81-23-NPS | October 13, 1981 | Interface Between Power and OEDC on Items Involving the NRC Office of Inspection and Enforcement |
| R-81-24-SQN | December 3, 1981 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|-----------------------------|---|
| R-81-26-NPS | November 12, 1981 | Office of Engineering Design and Construction - Corrective Action Followup Report |
| R-81-27-SQN | December 29, 1981 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |
| R-81-28-WBN | January 20, 1982 | Mini-Management Review of Watts Bar Nuclear Plant |
| R-81-29-BFN | December 4, 1981 | Followup Review of Implementation Activities on Office of Occupational Health and Safety Related Recommendations Contained in NSRS Report No. R-81-08-BFN |
| R-81-30-BFN | December 18, 1981 | Browns Ferry Nuclear Plant - Special Review of Security Training and Security Systems |
| R-81-31-NPS | March 31, 1982 | Special Review of the Division of Nuclear Power Operator Training Program |
| R-82-01-PSS | March 19, 1982 (Safeguards) | Management Review of Public Safety Service |
| R-82-01-SQN | March 29, 1982 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review |
| R-82-02-WBN | June 3, 1982 | Major Management Review of Watts Bar Nuclear Plant |
| R-82-03-WBN | February 23, 1982 | Watts Bar Nuclear Plant - Unit 1 - Routine Review |
| R-82-04-NPS | June 28, 1982 | Testing Unavailabilities of Safety Systems |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|---|
| R-82-05-NPS | May 5, 1982 | Special Review of the Division of Nuclear Power Fire Protection Program |
| R-82-06-NPS | May 10, 1981 | Routine Review of Implementation Activities on Division of Occupational Health and Safety Related Recommendations Contained in NSRS Report No. R-81-08-BFN and Other Topics |
| R-82-07-WBN | June 9, 1982 | Inspection Practices of Structural Steel Welds - Special Report |
| R-82-08-NPS | February 23, 1983 | Review of the Office of Lower Water Quality Program |
| R-82-10-WBN | September 16, 1981 | Employee concern for Alleged Unsafe Practices at Watts Bar Nuclear Plant |
| R-82-11-BFN | July 22, 1982 | Routine Review to Determine the Status of NSRS Open Items |
| R-82-12-NPS | May 28, 1982 | Investigation of Employee Concern Regarding Inclusion of Comments on INPO/TVA Report Entitled "INPO/TVA Pilot Systems Review Report" |
| R-82-13-WBN | July 15, 1982 | Routine Review of Watts Bar Nuclear Plant |
| R-82-14-OEDC(BLN) | November 4, 1982 | Bellefonte Nuclear Plant - Routine Review |
| R-82-16-BLN | September 19, 1982 | Investigation of Alleged Improper Termination of Services of a Personal Services Contract Employee |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|---|
| R-82-17-SQN | August 20, 1982 | Sequoyah Nuclear Plant - Units 1 and 2 - Routine Review of Previously Identified Open Items |
| R-82-18-NPS | August 25, 1982 | Functional Testing of the Knoxville Emergency Control Center (KECC) |
| R-82-19-WBN | October 25, 1982 | Investigation of Alleged Improper Termination of Services of a Personal Services Contract Employee |
| I-82-20-SQN | September 8, 1982 | Investigation of Sequoyah Nuclear Plant Field Monitoring Team Reported Deficiencies During the 1982 Radiological Emergency Exercise |
| I-82-21-SQN | December 1, 1982 | Sequoyah Nuclear Plant - Investigation of 10 REM Extremity Exposure |
| R-82-22-NPS | January 17, 1983 | Follow-up Review of Corrective Actions to Differing Staff Opinions Investigation Reports I-80-14-NPS and R-82-26-NPS |
| R-82-23-PURCH | November 29, 1982 | Follow-up Review of Corrective Actions to Major Management Review R-81-15-PURCH(BLN) |
| R-82-24-WBN | November 4, 1982 | Routine Review of Watts Bar Nuclear Plant |
| R-82-25-BFN | December 28, 1982 | Browns Ferry Nuclear Plant - Investigation of Shipments of LSA Radioactive Solid Waste to Richland, Washington |
| I-82-26-SQN | December 17, 1982 | Investigation of Alleged Improper Radiograph Techniques |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|--|
| I-82-27-BLN | February 1, 1983 | Investigation of Alleged Attempted Sabotage at Bellefonte Nuclear Plant |
| R-82-28-NPS | January 18, 1983 | Followup Review of the Division of Nuclear Power Fire Protection |
| I-83-01-WBN | January 27, 1983 | Investigation of Allegation of Nonperformance of Magnetic Particle Inspection at Watts Bar Nuclear Plant |
| I-83-02-BFN | February 7, 1983 | NSRS Investigation of Alleged Improper Welding Practices at Browns Ferry Nuclear Plant |
| I-83-03-BLN | February 5, 1983 | Investigation of Employee Concern Relating to the Control Rod Drive System at Bellefonte Nuclear Plant |
| I-83-04-SQN | February 11, 1983 | Sequoyah Nuclear Plant - Concerns Relating to Quality Assurance Activities Within the Construction Electrical Engineering Unit |
| I-83-05-BLN | March 18, 1983 | Employee Concern Related to Welding Qualification/Certification Practices |
| I-83-06-BLN | April 1, 1983 | Investigation of Employee Concern - Undue Pressure on Quality Control Inspectors |
| R-83-07-WBN | March 1, 1983 | Watts Bar Nuclear Plant - Follow-up on Open Items from Previous Reports R-81-03-WBN and R-81-16-WBN |
| R-83-08-BLN | May 12, 1983 | Review of the Cleaning and Flushing Program for Bellefonte Nuclear Plant Safety-Related System |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|-------------------------------|--|
| I-83-09-NPS | February 22, 1983 | Potential Employee Concern - NRC Requirement to Trip Reactor Coolant Pumps Upon Determination of a Small Break Incident |
| I-83-10-BLN | March 11, 1983 | Investigation of Employee Concern Regarding Cable Termination on Solenoid Valves |
| R-83-11-BLN | March 18, 1983 | Investigation of Alleged Improper Termination of Services of a Personal Services Contract Employee - Follow-up to Report R-82-16-BLN |
| I-83-12-NPS | March 31, 1983 | Investigation of Concern Regarding Auxiliary Transformers for Hartsville and Phipps Bend Nuclear Plants |
| I-83-13-NPS | June 7, 1983 | Investigation of Concern Regarding Quality Engineering Branch Records |
| I-83-14-BFN | May 31, 1983 | NSRS Initiated Investigation into Recurring Control Rod Drive Scram Time Reportable Events - Browns Ferry Nuclear Plant |
| I-83-15-BLN | May 2, 1983 | Investigation of Employee Concern - Seismic Qualification of Instrument Sensing Line Supports |
| I-83-16-NPS | August 17, 1983 Safequards | Confidential Employee Concern Involving the ECN S1 Process |
| I-83-17-BLN | July 27, 1983 | NSRS Review of TVA's Nuclear Security Program |
| R-83-18-NPS | January 18, 1984 | Special Review of the Office of Power Health Physics Program and Respective Office of Quality Assurance Activities |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|---|
| R-83-19-OQA | August 24, 1983 | Major Management Review of the Office of Quality Assurance |
| R-83-20-BFN | July 21, 1983 | Routine Review to Determine the Status of NSRS Open Items |
| I-83-21-SQN | December 12, 1983 | Employee Concern - Violation of Quality Assurance Procedures at Sequoyah Nuclear Plant - Division of Construction |
| R-83-22-NPS | August 9, 1983 | Evaluation of the TVA Position Regarding Training of Plant Managers for Mitigating Core Damage |
| I-83-23-WBN | November 14, 1983 | Investigation of Individual Concern - Improper Sheet Metal Welding Practices |
| R-83-25-BLN | November 7, 1983 | Follow-up Review of Bellefonte Nuclear Plant |
| R-83-26-NPS | February 9, 1984 | Follow-up Review of the NSRS Special Program Management Review of the Office of Power Water Quality Program |
| I-83-27-NPS | February 2, 1984 | Review of the Division of Construction QA/QC Program |
| I-83-28-BFN | March 7, 1984 | Excessive Water in Radwaste Shipment from Browns Ferry Nuclear Plant |
| R-84-01-OQA | March 29, 1984 | Follow-up of Major Management Review of the Office of Quality Assurance |
| R-84-02-WBN | April 13, 1984 | Watts Bar Nuclear Plant Operational Readiness Review |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|----------------------------|---|
| R-84-03-BLN | January 11, 1985 | Follow-up Review of Bellefonte Nuclear Plant Open Items |
| R-84-04-BFN | April 3, 1984 | Initial Assessment of the Browns Ferry Regulatory Performance Improvement Plan |
| R-84-05-WBN | June 4, 1984 | Operational Readiness Review - Phase II |
| R-84-06-NPS | May 25, 1984 Safeguards | Review of TVA's Nuclear Security Program |
| R-84-07-WBN | April 5, 1984 | Watts Bar Nuclear Plant - Units 1 and 2 - Special Review of NCR WBNSWP8303 Related to Missing Pipe Support Calculations |
| R-84-09-BLN | June 27, 1984 | Review of INPO Finding QP 5.1 - Corrective Action |
| I-84-10-NPS | June 13, 1984 | Allegation of Colorblindness of Nuclear Plant Employees |
| I-84-12-SQN | August 1, 1984 | Sequoyah Nuclear Plant - Investigation of Unit 1 Incore Instrumentation Thimble Tube Ejection Accident on April 19, 1984 |
| R-84-13-BFN | May 4, 1984 | Browns Ferry Nuclear Plant - Unit 1 - NSRS Assessment of February 14, 1984 RHR Valve Failure |
| R-84-15-WBN | December 27, 1984 | Watts Bar Nuclear Plant - Operational Readiness Review - Phase III |
| I-84-16-BFN | June 15, 1984 | NSRS Investigation of Concerns Related to Failures of the High Pressure Coolant Injection (HPCI) System at Browns Ferry Nuclear Plant |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|---|
| R-84-17-NPS | March 12, 1985 | Review of TVA Procurement of Nuclear Safety Items |
| R-84-19-WBN | July 5, 1984 | NSRS Assessment of the Results of the Black and Veatch Independent Design Review of the Watts Bar Nuclear Plant Activity Feedwater System |
| R-84-20-BFN | July 30, 1984 | Assessment of the Browns Ferry Regulatory Performance Improvement Plan |
| R-84-21-SQN | August 16, 1984 | Follow-up to Employee Concern (NSRS Report No. I-83-21-SQN) Regarding Violation of Quality Assurance Procedures by the Division of Construction at Sequoyah Nuclear Plant |
| R-84-22-BLN | October 17, 1984 | Bellefonte Nuclear Plant - Decay Heat Removal System |
| R-84-25-BLN | October 17, 1984 | Review of Bellefonte Nuclear Plant's Main Steam System Design Adequacy for Mitigation of a Steam Line Break |
| R-84-26-WBN | September 5, 1984 | Routine Review of NUC PR Response to NSRS Recommendations Identified in NSRS Report R-84-19-WBN, Assessment of the Results of the B&V Independent Design Review of the WBN Auxiliary Feedwater System |
| R-84-27-SQN/BFN | December 20, 1984 | Sequoyah and Browns Ferry Nuclear Plants - Review of Outage Control |
| R-84-28-WBN | October 5, 1984 | Watts Bar Nuclear Plant - Observation of Preoperational Radiological Drill on September 11, 1984 |
| I-84-30-BFN | December 7, 1984 | Investigation of Problems Concerning Category I Supports at Browns Ferry Nuclear Plant |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|--|
| I-84-31-BFN | November 8, 1984 | Investigation of Browns Ferry Nuclear Plant Unit 3 Startup From Cold Condition with RHR in Shutdown Cooling Mode on October 22, 1984 |
| I-84-32-NPS | January 16, 1985 | Follow-up Report of Previously Identified Items |
| I-84-33-BFN | June 7, 1985 | OE - Investigation of BFN Piping Analysis and Support Design - Employee Concern |
| I-84-34-SQN | March 15, 1985 | SQN - Employee Concern Regarding Alleged Violation of QA Procedures at SQN |
| R-85-01-WBN | April 19, 1985 | Follow-up Review of Open Items |
| R-85-02-SQN/WBN | March 25, 1985 | SQN/WBN - Manufactured Misapplication of SWAGELOK Tube Fittings at Westinghouse Reactor Seal Tables |
| R-85-03-NPS | July 5, 1985 | SQN, BFN, and WBN - Review of Maintenance Program |
| R-85-04-BLN | April 22, 1985 | Follow-up Review of Cleaning and Flushing Program R-83-08-BLN |
| R-85-05-BFN | March 26, 1985 | Routine Review to Determine Status of NSRS Open Items |
| I-85-06-WBN | July 9, 1985 | Investigation of Employee Concern Regarding Cable Routing, Installation, and Inspection |
| R-85-07-NPS | July 5, 1985 | Follow-up Review of Quality Engineering Branch (QEB) Records - Investigation I-83-13-NPS |

| <u>REPORT NO.</u> | <u>DATE ISSUED</u> | <u>SUBJECT</u> |
|-------------------|--------------------|--|
| R-85-08-OE/NUC PR | June 5, 1985 | Special Review of the Office of Engineering (OE) and Office of Nuclear Power (NUC PR) Activities Associated with Sequoyah Containment Pressure Instrumentation |
| I-85-10-BFN | July 12, 1985 | Investigation of Allegation Concerning Instructions to Improperly Document Tasks |
| R-85-12-BLN | June 19, 1985 | Follow-up on I-84-06-BLN, R-83-08-BLN, and R-84-09-BLN |
| I-85-14-NPS | July 25, 1985 | Qualification of Concerns Regarding TVA's Weld Inspection Program |
| I-85-16-SQN | August 9, 1985 | Investigation of SQN Containment Pressure Transmitter Issue |

ENCLOSURE 2

NRC Request

A summarization of how TVA has addressed those safety related matters raised in reports which have been resolved within TVA. In particular, discuss the management decision process for addressing or implementing recommendations made by the NSRS in those reports.

Response

As stated in a letter from W. F. Willis to Harold R. Denton dated August 29, 1985, a summarization of how each NSRS report was addressed will be provided by September 30, 1985. In the interim, the following generic description is provided.

Upon completion of an NSRS review or investigation the findings, conclusions, and recommendations of the review/investigation team undergo a two-step internal review process. That process is aimed at assuring the NSRS high standards for completeness, thoroughness, accuracy, and supportability are maintained. The first review is a discussion with the Group Head and sometimes the Director by the entire team at which time preliminary findings are discussed. Through a question and answer period a determination is made by NSRS management whether or not the team has been thorough enough. Additional review effort may be directed. The second review process occurs when the report is in draft form and reviewed by the Group Head and Staff Director for accuracy, completeness, and supportability of the conclusions and recommendations. When NSRS is satisfied with its work as reflected in its report, it is transmitted to the responsible line organization. Throughout most of NSRS's existence, reports with recommendations were sent in final form with a response describing implementation plans due within 30 to 45 days. Currently, to decrease the time element between report issuance and issuance of the associated corrective actions, NSRS reports are transmitted in draft allowing the line organizations 30 to 45 days to review the report and prepare their response. The NSRS report and line response are then formally issued at about the same time, eliminating the time delay between the two.

Under the old system the NSRS final reports were received in the nuclear organization. The Secretary sent it to the appropriate organization to prepare the response. If site specific, the report was sent to the Site Director. If multisite or central office, it was sent to the Nuclear Licensing Branch (NLB). The Site Director's response was sent to the Nuclear Chief for his approval and transmittal to NSRS. The NLB determined responsibility for multisite or central office reports and either coordinated the response or sent the report to a particular organization to prepare a response for the Director's signature and transmittal to NSRS. No interaction took place between NSRS and the line organization.

Currently the draft reports provided to the Office of Power and Engineering (Nuclear) [P&E (Nuclear)] are handled the same way as before except now before a response is transmitted back to NSRS, it is coordinated with NSRS so that everyone agrees the report is correct and the response is responsive.

When a response is received, NSRS tracks those items requiring long-term solutions (with periodic updates by the line organization). Generally, items that require no additional response by the line organization are held open in the NSRS tracking system until the corrective action is verified. Items for which NSRS and the line organization cannot reach agreement are elevated up the management chain to include the General Manager and Board of Directors.

Should disagreement occur within NSRS between review team members, or between NSRS management and the review team or team member, that disagreement is evaluated within NSRS management for resolution. If the disagreement cannot be resolved the dissenting party(ies) may prepare a minority report, or request convening a three person board of experts from outside TVA to rule on the discrepancy. If the dissenting party(ies) disagree with the board results the issue may be elevated to the General Manager for a ruling.

BUDB:X

NSRS REPORTS WITH OPEN ITEMS
(as of August 31, 1985)

| <u>REPORT NUMBER</u> | <u>OPEN ITEMS</u> |
|-----------------------------------|---|
| 79-09-01 | 79-09-01 |
| 79-10-03 | 79-10-03 |
| R-80-04-SQN | R-80-04-SQN |
| R-80-21-WBN | R-80-21-WBN-01 |
| R-81-04-YN | R-81-04-YN-01; 02 |
| R-81-06-WBN | R-81-06-WBN-03 |
| R-81-08-BFN | R-81-08-BFN-08; 20; 41; 45 |
| R-81-14-OEDC/BLN | R-81-14-OEDC/BLN-32; 41 |
| R-81-22-BLN | R-81-22-BLN-01; 02; 03 |
| R-82-01-PSS - Safeguard | R-82-01-PSS-01; 02; 03; 04.B.1; 04.B.2; 04.C.1; 06; 11; 12; 13; 15; 24. |
| R-82-04-NPS | R-82-04-NPS-01 |
| R-82-08-NPS | I-82-08-NPS-01 thru 07; 09; 10A-10C. |
| I-82-20-SQN | I-82-20-SQN-01; 02 |
| I-82-21-SQN | I-82-21-SQN-02; 04; 05; 06; 07; 09 |
| I-83-01-WBN - Admin. Confidential | I-83-01-WBN-01 |
| R-83-08-BLN | R-83-08-BLN-02, 03; 05 |
| I-83-13-NPS | I-83-13-NPS-01a; 01b; 01d; 02 |
| R-83-16-NPS - Safeguard | R-83-16-NPS-01 |
| R-83-18-NPS | R-83-18-NPS-01, 02, 03; 04; 05; 06 |
| R-83-27-NPS | R-83-27-NPS-01 |
| I-83-28-BFN | I-83-28-BFN-01; 02 |
| R-84-02-WBN | R-84-02-WBN-01 |
| R-84-05-WBN | R-84-05-WBN-08; 10; 14; 15; 24 |
| R-84-06-NPS - Safeguard | R-84-06-NPS-01 |
| R-84-07-WBN | R-84-07-WBN-01 |
| R-84-09-BLN | R-84-09-BLN-03 |
| I-84-12-SQN | I-84-12-SQN-01 thru 23 |
| R-84-15-WBN | R-84-15-WBN-03; 05 |
| I-84-16-BFN | I-84-16-BFN-All Open |
| R-84-17-NPS | R-84-17-NPS-01A, B, C, D; 02 thru 12 |
| R-84-19-WBN | R-84-19-WBN-01; 06; 07 |
| R-84-22-BLN | R-84-22-BLN-01; 02 |
| R-84-25-BLN | R-84-25-BLN-01 thru 06 |
| I-84-31-BFN | I-84-31-BFN-01, 02; 03; 04 |
| R-84-32-NPS | R-84-32-NPS-01 |
| I-84-33-BFN | I-84-33-BFN-01 thru 08 |
| I-84-34-SQN | I-84-34-SQN-01; 02; 03 |

NSRS REPORTS WITH OPEN ITEMS

Page 2

REPORT NUMBER

R-85-02-SQN/WBN
R-85-03-NPS
I-85-06-WBN
R-85-07-NPS
R-85-08-OE/NUC PR
I-85-10-BFN

OPEN ITEMS

R-85-02-SQN/WBN - All Open
R-85-03-NPS - All Open
I-85-06-WBN - All Open
R-85-07-NPS - All Open
R-85-08-OE/NUC PR - All Open
I-85-10-BFN - All Open

UNITED STATES GOVERNMENT

Memorandum

TENNESSEE VALLEY AUTHORITY

TO : H. G. Parris, Manager of Power, 500A CST2-C

FROM : H. N. Culver, Chief, Nuclear Safety Review Staff, 249A HBB-K

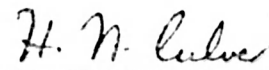
DATE : April 30, 1980

SUBJECT: SEQUOYAH NUCLEAR PLANT - NSRS APPRAISAL OF OPERATOR TRAINING AND QUALIFICATION PROGRAM AND THE EMERGENCY AND ABNORMAL OPERATING INSTRUCTIONS

Attached is the NSRS report of the findings resulting from our inspection of the subject areas. The report indicates that the Operator Training Program meets or exceeds the NRC requirements in all areas except that the administrative control system does not assure or document that all RO's and SRO's will be cognizant of all changes to the facility, procedures, or to the license. Other recommendations relate to improving the administrative controls to assure management that the training program will be upgraded, reviewed, and approved with management's cognizance. Additional recommendations are included for certifying RO/SRO training program instructors and for providing Westinghouse experts during Sequoyah power ascension and initial operations.

NSRS found that the Emergency Operating Instructions and Abnormal Operating Instructions were conceptually adequate except for a number of Category I comments. Comment categories are defined in the report. These comments were forwarded to your staff on April 3 and April 13, 1980, to allow a preview of the comments to expedite procedure changes. NSRS realizes that resolution of the Category I comments along with the comments of various other organizations could impose a significant coordination effort. This effort might best be handled through a meeting among the NSRS reviewers and appropriate personnel from your staff. NSRS is of the opinion that the Category I comments should be incorporated in the procedures prior to Sequoyah unit 1 power ascension above the 5 percent level.

You are requested to inform NSRS of your plans for implementing the recommendations presented in the report by May 27, 1980.



H. N. Culver

MVS:KRW
Attachment
CC: MEDS, E4B37 C-K (Attachment)

