

MAY 05 1983

Docket Nos. 50-327
and 50-328

Mr. H. G. Parris
Manager of Power
Tennessee Valley Authority
500 A Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Dear Mr. Parris:

Subject: Issuance of Amendment No. 30 to Facility Operating License
No. DPR-77 and Amendment No. 19 to Facility Operating License
No. DPR-79 - Sequoyah Nuclear Plant, Units 1 and 2

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 30 to Facility Operating License No. DPR-77 and Amendment No. 19 to Facility Operating License No. DPR-79. This is in response to your letter of June 23, 1982, submitted under the provisions of 10 CFR 50.90, regarding changes to the Physical Security Plan for the Sequoyah Nuclear Plant (May 15, 1982), as revised by letter dated January 6, 1983.

We have determined that your revised plan, with the exception of access to containment during refueling or major maintenance, meets the requirements of 10 CFR 73.55 (b) through (h), and accordingly is approved. TVA shall continue to maintain positive access control over containment as required by 10 CFR 73.55(d)(8).

In accordance with your letter of May 5, 1983, the Plant Operations Review Committee will review the Physical Security Plan prior to implementation. Please advise us of the results of the PORC review, including a description of the safety considerations addressed by the committee.

Changes which would not decrease the safeguards effectiveness of your approved security plan may be made without prior approval by the Commission pursuant to the authority of 50.54(p). A report containing a description of each change should be sent to the Regional Administrator, U. S. Nuclear Regulatory Commission, Region II, 101 Marietta Street, Suite 3100, Atlanta, Georgia 30303, with copies to Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Attn: Document Control Desk, Washington, D. C. 20555 within two months after the change is made. Records of changes made without prior Commission approval shall be maintained for a period of two years from the date of change.

8305180213 830504
PDR ADOCK 05000327
P PDR

OFFICE ▶	.....	.....	.....	.....	.....	.....	.....
SURNAME ▶	.....	.....	.....	.....	.....	.....	.....
DATE ▶	.....	.....	.....	.....	.....	.....	.....

MAY 05 1983

Your Physical Security Plan and related materials consist of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

Copies of the Safety Evaluation Report and the Notice of Issuance are also enclosed.

Sincerely,

151

Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing

Enclosures:

1. Amendment No. 30
to DPR-77
2. Amendment No. 19
to DPR-79
3. Notice of Issuance
4. Safety Evaluation
Report

cc w/enclosures:
See next page

DL:LB

*NOTE: SEE PREVIOUS WHITES FOR CONCURRENCES

DL:LB OR
TNovak
4/20/83

DIR:DL
DEisenhut
4/14/83

OFFICE	DL:SSPB	DL:SSPB	DL:SSPB	LA:DL:LB #4	DL:LB #4	DL:LB #4	OELD
SURNAME	*PAnderson:cc	*EMcPeek	*CThomas	*MDuncan	*CStahle	EAdensam	*RNorth
DATE	4/14/83	4/14/83	4/14/83	4/15/83	4/15/83	4/19/83	3/28/83

Mr. H. G. Parris

-2-

Your Physical Security Plan and related materials consist of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

Copies of the ^{Security} Security Evaluation Report and the Notice of Issuance are also enclosed.

Sincerely,

Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

Enclosures:

1. Amendment No.
to DPR-77
2. Amendment No.
to DPR-79
3. Notice of Issuance
4. Security Evaluation
Report

cc w/enclosures:
See next page

DISTRIBUTION:

Document Control

NRC PDR

L PDR

PRC

NSIC

ACRS (16)

Region

SSPB Reading

LB#4 Reading

C. Stahle

M. Duncan

E. Adensam

P. Anderson

E. McPeck

C. Thomas

OELD

D. Eisenhower/R. Purple

E. L. Jordan, IE

*SEE PREVIOUS CONCURRENCES

J. M. Taylor, IE

L. Tremper

F. Miraglia

R. Diggs

T. Barnhart (4)

W. Jones, DMB (10)

T. Novak

ASLPB

ASLAB

R. Hartfield, MPA

J. Souder

DL:AD/OR
TNovak
4/ /83

DL:D
DEisenhut
4/ /83

OFFICE	DL:SSPB	DL:SSPB	DL:SSPB	DL:LB#4	DL:LB#4	DL:LB#4	OELD*
SURNAME	PAnderson:cc	EMcPeck	CThomas	MDuncan	CStahle	EAdensam	
DATE	4/14/83	4/14/83	4/14/83	4/15/83	4/15/83	4/ /83	3/28/83

The amendments apply to the Physical Security Plan. They do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendments.

The amendments do not involve a significant increase in the probability or consequences of an accident previously evaluated, do not create the possibility of an accident of a type different from any evaluated previously, do not involve a significant reduction in a margin of safety, and therefore, do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Your Physical Security Plan and related materials consist of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing

Enclosures:

1. Amendment No.
to DPR-77
2. Amendment No.
to DPR-79
3. Notice of Issuance

cc w/enclosures:
See next page

Close to 2000

AD:OR:DL
TNovak
3/ /83

D:DL
DGEisenhut
3/ /83

OFFICE	LB#4:DL	LB#4:DL	LB#4:DL	SSPB:DL	SSPB:DL	SSPB:DL	OELD
SURNAME	MDuncan	CStahle	EAdensam	PAnderson	EMcPeck	COTomas	W.A. Herz
DATE	3/25/83	3/15/83	3/ /83	3/ /83	3/ /83	3/ /83	3/28/83

SEQUOYAH

Mr. H. G. Parris
Manager of Power
Tennessee Valley Authority
500A Chestnut Street, Tower II
Chattanooga, Tennessee 37401

cc: Herbert S. Sanger, Jr., Esq.
General Counsel
Tennessee Valley Authority
400 Commerce Avenue
E 11B 33
Knoxville, Tennessee 37902

Mr. H. N. Culver
Tennessee Valley Authority
400 Commerce Avenue, 249A HBB
Knoxville, Tennessee 37902

Mr. Bob Faas
Westinghouse Electric Corp.
P.O. Box 355
Pittsburgh, Pennsylvania 15230

Mr. Jerry Wills
Tennessee Valley Authority
400 Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Mr. Donald L. Williams, Jr.
Tennessee Valley Authority
400 West Summit Hill Drive, W10B85
Knoxville, Tennessee 37902

Resident Inspector/Sequoyah NPS
c/o U.S. Nuclear Regulatory
Commission
2600 Igou Ferry Road
Soddy Daisy, Tennessee 37379

James P. O'Reilly, Regional Administrator
U.S. Nuclear Regulatory Commission,
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

TENNESSEE VALLEY AUTHORITY

DOCKET NO. 50-327

SEQUOYAH NUCLEAR PLANT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 30
License No. DPR-77

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The filing (which is being handled by the Commission as an application) by Tennessee Valley Authority (the licensee) dated June 23, 1982, as revised by letter dated January 6, 1983, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, Facility Operating License No. DPR-77 is hereby amended by reformatting the existing Paragraph 2.E. to read as follows:

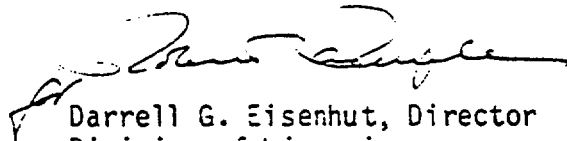
E. Physical Protection

The licensee shall maintain in effect and fully implement all provisions of the Commission approved physical security plan, guard training and qualification plan, and safeguards contingency plan, including amendments made pursuant to the authority of 10 CFR 50.54(p). The approved plans, which contain information protected under 10 CFR 73.21, are entitled "Sequoyah Nuclear Plant Physical Security Plan," dated May 15, 1982 (letter dated June 23, 1982) with revision dated August 17, 1982 (letter dated January 6, 1983); "Sequoyah Nuclear Plant Security Personnel Training and Qualification Plan," dated May 1, 1982 (letter dated July 19, 1982); and the "Sequoyah Nuclear Plant Safeguards Contingency Plan," dated March 1, 1979, as revised September 1, 1979; April 15, 1980, December 21, 1980, and March 30, 1981.

Notwithstanding the statement in Section 9.1 of the physical security plan, the licensee shall maintain positive access control over containment in accordance with the requirements of 10 CFR 73.55(d)(8).

3. This license amendment is effective 90 days after its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Darrell G. Eisenhut, Director
Division of Licensing

Date of Issuance: May 5, 1983



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

TENNESSEE VALLEY AUTHORITY

DOCKET NO. 50-328

SEQUOYAH NUCLEAR PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 19
License No. DPR-79

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The filing (which is being handled by the Commission as an application) by Tennessee Valley Authority (the licensee) dated June 23, 1982, as revised by letter dated January 6, 1983, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, Facility Operating License No. DPR-79 is hereby amended by reformatting the existing Paragraph 2.E. to read as follows:

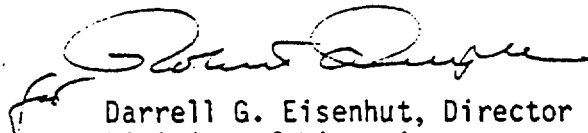
E. Physical Protection

The licensee shall maintain in effect and fully implement all provisions of the Commission approved physical security plan, guard training and qualification plan, and safeguards contingency plan, including amendments made pursuant to the authority of 10 CFR 50.54(p). The approved plans, which contain information protected under 10 CFR 73.21, are entitled "Sequoyah Nuclear Plant Physical Security Plan," dated May 15, 1982 (letter dated June 23, 1982) with revision dated August 17, 1982 (letter dated January 6, 1983); "Sequoyah Nuclear Plant Security Personnel Training and Qualification Plan," dated May 1, 1982 (letter dated July 19, 1982); and the "Sequoyah Nuclear Plant Safeguards Contingency Plan," dated March 1, 1979, as revised September 1, 1979; April 15, 1980, December 21, 1980, and March 30, 1981.

Notwithstanding the statement in Section 9.1 of the physical security plan, the licensee shall maintain positive access control over containment in accordance with the requirements of 10 CFR 73.55(d)(8).

3. This license amendment is effective 90 days after its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Darrell G. Eisenhut, Director
Division of Licensing

Date of Issuance: May 5, 1983

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-327 AND 50-328TENNESSEE VALLEY AUTHORITYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE NOS. DPR-77 AND DPR-79

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 30 to Facility Operating License No. DPR-77 and Amendment No. 19 to Facility Operating License No. DPR-79 issued to the Tennessee Valley Authority (the licensee), which revises the licenses for operation of the Sequoyah Nuclear Plant, Units 1 and 2, (the facility) located in Hamilton County, Tennessee. The amendments are effective 90 days after the date of issuance and are to be implemented in accordance with the provisions of 10 CFR 73.40(b) and 10 CFR 73.55(b)(4).

The amendments revise license conditions to include the Commission-approved Guard Training and Qualification Plan and the Safeguards Contingency Plan as part of the licenses.

The licensee's filing, which has been handled by the Commission as an application, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

The licensee's filings dated June 23, 1982, consist of Safeguards Information required to be protected from public disclosure pursuant to 10 CFR 73.21.

For further details with respect to this action, see (1) Amendment No. 30 to Facility Operating License No. DPR-77; (2) Amendment No. 19 to Facility Operating License No. DPR-79; (3) the related Safety Evaluation Report; and (4) the Commission's related letter to the licensee dated MAY 05, 1983. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. 20555 and at the Chattanooga Hamilton County Bicentennial Library, 1001 Broad Street, Chattanooga, Tennessee 37402. A copy of the above items may be obtained upon request to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 5th day of May 1983.

FOR THE NUCLEAR REGULATORY COMMISSION



Elinor G. Adensam, Chief
Licensing Branch No. 4
Division of Licensing



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION REPORT

FOR

SEQUOYAH NUCLEAR PLANT

UNIT NOS. 1 and 2

AMENDMENT NOS. 30 AND 19

DOCKET NOS. 50-237 and 50-238

Introduction

Pursuant to 10 CFR 50.90, the Tennessee Valley Authority (TVA) filed with the Nuclear Regulatory Commission for the Sequoyah Nuclear Plant a revised edition of their approved physical security plan entitled:

"Sequoyah Nuclear Plant Physical Security Plan
Parts I and II" dated May 15, 1982 (submitted
by letter of June 23, 1982).

Based on our review of their revised security plan, the staff has concluded that the protection provided by the TVA against radiological sabotage at the Sequoyah Nuclear Plant meets the requirements of 10 CFR Part 73.

Discussion and Findings

In the latest version of their security plan the licensee made three significant changes, one administrative in nature and two regarding substantial technical matters.

The first was a broad change involving format and administrative aspects of the physical security plan. The plan now consists of two parts, a generic plan (Part I) which will also be applied at other TVA nuclear power plants, and a site specific plan (Part II), which describes unique site specific features at the Sequoyah site. The administrative changes do not alter the level of or the basic nature of the security at the site, but provide for a more comprehensive security plan which is easier to inspect and to implement.

The second change modified the number of armed responders immediately available for response at the site. An analysis of the response force size performed in accordance with the criteria contained in NUREG-0907, indicates that the proposed number of armed responders is within the acceptable limits established by this guidance document.

The third change eliminated control of access to containment during periods of refueling or major maintenance. This proposed change is contrary to the regulatory requirements set forth in 10 CFR 73.55(h)(8), and accordingly is not acceptable. A condition is being added to the license which states:

Notwithstanding the statement in Section 9.1 of the physical security plan, the licensee shall maintain positive access control over containment in accordance with the requirements of 10 CFR 73.55(d)(8).

Summary and Conclusion

The following summarizes the proposed changes:

- The format changes improve the inspectability of the security plan and make the plan easier to use for those charged with its implementation.
- The proposed number of armed responders, while a reduction in plan effectiveness, is within the acceptable limits of the guidance.
- The elimination of access controls at containment conflicts with regulations and is not acceptable.

The staff has determined that the changes presented in the "Sequoyah Nuclear Plant Physical Security Plan Parts I and II" dated May 15, 1982 as submitted June 23, 1982, with revision dated August 17, 1982 (letter dated January 6, 1983, are acceptable with the exception of the statements regarding access to containment during refueling and major maintenance.

The changes do not involve a significant increase in the probability or consequences of an accident previously evaluated, do not create the possibility of an accident of a type different from any evaluated previously, do not involve a significant reduction in a margin of safety, and therefore, do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Environmental Consideration

The staff has determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, the staff has concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement, negative declaration, or environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Date: MAY 05 1983

Principal Contributors: C. Gaskin, Power Reactor Safeguards Licensing Branch, NMSS
E. McPeck, Standardization & Special Projects Branch, NRR