

DEC 31 1981

Docket No. 50-328

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

Dear Mr. Parris:

Subject: Issuance of Amendment No. 3 to Facility Operating License DPR-79 - Sequoyah Nuclear Plant, Unit 2

The U. S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 3 to Facility Operating License No. DPR-79 to the Tennessee Valley Authority for the Sequoyah Nuclear Plant, Unit 2, located in Hamilton County, Tennessee, Amendment No. 3 extends the date by which calculations for small-break LOCAS must be submitted to NRC.

A copy of the related safety evaluation supporting Amendment No. 3 is enclosed. Also enclosed is a copy of a related Federal Register Notice which has been forwarded to the office of the Federal Register for publication.

Sincerely,

sf

*CP
1*

Elinor G. Adensam, Chief
Licensing Branch #4
Division of Licensing

Enclosures:

1. Amendment No. 3 to DPR-79
2. Safety Evaluation
3. Federal Register Notice

cc w/enclosures:
See next page

8201180561 811231
PDR ADDCK 05000328
P PDR

OFFICE	LA:DLB#4	DLB#4	DLB#4	OELP			
SURNAME	MDuncan:eb	CStahle	EAdensam	<i>Not Per</i>			
DATE	12/17/81	12/17/81	12/23/81	12/21/81			

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. Mark Burzynski
Tennessee Valley Authority
400 Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Mr. J. F. Cox
Tennessee Valley Authority
400 Commerce Avenue, W10C131C
Knoxville, Tennessee 37902

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

Director, Office of Urban
& Federal Affairs
108 Parkway Towers
404 James Robertson Way
Nashville, Tennessee 37219

Attorney General
Supreme Court Building
Nashville, Tennessee 37219

U.S. Environmental Protection
Agency
ATTN: EIS Coordinator
345 Courtland Street
Atlanta, Georgia 30308

Honorable Don Moore, Jr.
County Judge
Hamilton County Courthouse
Chattanooga, Tennessee 37402

TENNESSEE VALLEY AUTHORITY

DUCKET NO. 50-328

SEQUOYAH NUCLEAR PLANT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 3
License No. DPR-79

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment to the Sequoyah Nuclear Plant, Unit 2 (the facility) Facility Operating License No. DPR-79 filed by the Tennessee Valley Authority (licensee), dated December 18, 1981, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations as set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the license, as amended, 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 DPR-79 is hereby amended as follows:
 - A. Change paragraph 2.C.(16) p. to read as follows:

p. Calculations for Small-Break LUCAs (Section 22.2, II.K.3.30 and II.K.3.31)

TVA is participating in the Westinghouse owners group effort for this item and shall conform to the results of this effort. The analysis for model justification will be submitted to NRC in June 1982.

OFFICE	.....	.....	.....	.....	.....	.....	.....
SURNAME	.....	8201180566 811231 PDR ADOCK 05000328 P	.....	.....	.....	.....	.....
DATE	.....	.....	.....	.....	.....	.....	.....

OFFICIAL RECORD COPY

OFFICE	SURNAME	DATE
A.D.#4	M Duncan:eb	12/11/81
DI-GR#4	C Stahlé	12/11/81
OEI.D.	M. [unclear]	12/11/81
DI-GR#4	E Adensam	12/23/81
ADP#4	R Tedesco	12/24/81
DIR:DI	DEisenhut	12/31/81
	T. STEIN	

note found

BMS
12/23/81

Date of Issuance: December 31, 1981
 Darrell G. Eisenhut, Director
 Division of Licensing
 Office of Nuclear Reactor Regulations

for
S/Anna Danner

FOR THE NUCLEAR REGULATORY COMMISSION

3. This license amendment is effective as of its date of issuance.

12/29/81

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED-TO-AMENDMENT NO. 3 TO FACILITY OPERATING LICENSE DPR-79

TENNESSEE VALLEY AUTHORITY

Introduction

On December 18, 1981 TVA stated that the Westinghouse owners group effort on model justification for small-break LOCAs was delayed due to the need to provide further analysis. The licensee requests a change in the license submittal date from January 1, 1982 to June 1982.

Discussion

This effort involves the review and analysis of existing small-break LOCA models to assure their continued acceptability for compliance with Appendix K to 10 CFR Part 50. The comparison of experimental data, including data for the LOFT tests and Semiscale Tests, with existing data is part of this endeavor. Although this effort is being delayed several months to provide further analyses, we consider that the licensee has made good faith efforts to meet the schedule date of January 1, 1982.

The staff finds that the current ECCS design continues to comply with the criteria of 10 CFR 50.46, as no information to the contrary has evolved from this effort.

Environmental Consideration

We have determined that the amendment does 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 amendment involves 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 this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: December 31, 1981

OFFICE	8201180571 811231					
SURNAME	PDR ADOCK 05000328					
DATE	P	PDR				

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-327

TENNESSEE VALLEY AUTHORITY

NOTICE OF ISSUANCE OF AMENDMENT

FACILITY OPERATING LICENSE NO. DPR-79

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 3 to Facility Operating License DPR-79, issued to Tennessee Valley Authority (licensee) for the Sequoyah Plant, Unit 2 (the facility) located in Hamilton County, Tennessee. This amendment extends the date by which calculations for small-break LOCAs must be submitted to NRC. The amendment is effective as of its date of issuance.

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

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

OFFICE ▶	.....	8201180575	811231	.....	.....	.....	.....
SURNAME ▶	.....	PDR ADDCK	05000328	.....	.....	.....	.....
DATE ▶	.....	P	PDR	.....	.....	.....	.....

For further details with respect to this action, see (1) Tennessee Valley Authority letter dated December 18, 1981; (2) Amendment No. 3 to Facility Operating License No. DPR-79; (3) the Commission's related Safety Evaluation.

All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C., and the Chattanooga Hamilton County Bicentennial Library, 1001 Broad Street, Chattanooga, Tennessee 37402. A copy of Amendment No. 3 may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland this 31st day of December 1981-

FOR THE NUCLEAR REGULATORY COMMISSION

S/

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

OFFICE	LA: DL B#4	DL: LB#4	OELD	DL LB#4			
SURNAME	MDuncan:eb	CStahle	<i>McKer...</i>	EAdensam			
DATE	12/1/81	12/1/81	12/1/81	12/23/81			

DISTRIBUTION:

December 18, 1981

Docket No.
LB #4 r/f
E. Adensam
C. Stahle
M. Duncan
OELD

Docket No. 50-328

MEMORANDUM FOR: Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

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

FROM: Carl Stahle, Project Manager
Licensing Branch No. 4
Division of Licensing

SUBJECT: ISSUANCE OF AMENDMENT NO. 3 TO FACILITY OPERATING
LICENSE DPR-79, SEQUOYAH NUCLEAR PLANT, UNIT 2

There is no known public correspondence or irreversible impact associated with the issuance of the subject amendment.

5/

Carl Stahle, Project Manager
Licensing Branch No. 4
Division of Licensing

8201180578 811231
PDR ADDCK 05000328
P PDR

OFFICE	DL: LB #4	DL: LB #4					
SURNAME	MDuncan:hmc	CStahle					
DATE	12/18/81	12/18/81					

AMENDMENT NO. 3 TO FACILITY OPERATING LICENSE - SEQUOYAH NUCLEAR PLANT, UNIT 2

DISTRIBUTION:

- ✓ Docket No. 50-328
- NRC PDR
- Local PDR
- LB#4 r/f
- H. Denton
- E. Case
- D. Eisenhut
- R. Tedesco
- E. Adensam
- C. Stahle
- N. Duncan
- OELD
- OI&E (5)
- G. Deegan (4)
- B. Scharf (10)
- M. Virgilio
- OPA
- ACRS (16)
- K. Diggs
- NSIC
- TERA
- ASLBP
- ASLAB
- R. Hartfield, OMPA
- S. Hanauer
- T. Murley
- R. Mattson
- K. Vollmer



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