

April 8, 1994

Docket Nos. 50-327
and 50-328

Mr. Oliver D. Kingsley, Jr.
President, TVA Nuclear and
Chief Nuclear Officer
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

Dear Mr. Kingsley:

SUBJECT: EVALUATION OF INCREASED FUEL BURNUP ON EQUIPMENT QUALIFICATION
SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2

By letter dated November 30, 1993, the staff requested that the Tennessee Valley Authority (TVA) perform a reassessment of equipment qualification for increased fuel burnup resulting from the use of high burnup fuel. This request was based on our review of TVA's justification for continued operation (JCO) dated September 4, 1991, that analyzed the effect on safety-related plant equipment located inside and outside the containment resulting from extending reactor core burnup from 650 EFPD to 1000 EFPD.

By letter dated March 4, 1994, TVA responded to the staff's request. We have reviewed your reassessment and determined that it satisfactorily responds to our concerns.

Sincerely,
Original signed by David C. Trimble for
David E. LaBarge, Sr. Project Manager
Project Directorate II-4
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc:
See next page

Distribution

Docket File B. Clayton
NRC & Local PDRs D. LaBarge
SQN Rdg File OGC 15-B18
S. Varga ACRS (10)
G. Lainas E. Merschoff RII
F. Hebdon C. McCracken

*SEE PREVIOUS CONCURRENCE

OFC:	PDII-4/LA	PDII-4/PM	SPLB*	PDII-4/D
NAME:	B. Clayton	D. LaBarge	C. McCracken	F. Hebdon
DATE:	4/8/94	/ /94	04/07/94	4/8/94

DOCUMENT NAME: g:\sqn\fuelbu.jco

9404150178 940408
PDR ADOCK 05000327
P PDR

NRC FILE CENTER COPY

[Handwritten signature]
FOI
110

Mr. Oliver D. Kingsley, Jr.
Tennessee Valley Authority

cc:

Mr. Craven Crowell, Chairman
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. W. H. Kennoy, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. Johnny H. Hayes, Director
Tennessee Valley Authority
ET 12A
400 West Summit Hill Drive
Knoxville, TN 37902

Mr. O. J. Zeringue, Sr. Vice President
Nuclear Operations
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Dr. Mark O. Medford, Vice President
Technical Support
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Mr. D. E. Nunn, Vice President
Nuclear Projects
Tennessee Valley Authority
3B Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

Site Vice President
Sequoyah Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Soddy, Daisy, TN 37379

General Counsel
Tennessee Valley Authority
ET 11H
400 West Summit Hill Drive
Knoxville, TN 37902

SEQUOYAH NUCLEAR PLANT

Mr. B. S. Schofield, Manager
Nuclear Licensing and
Regulatory Affairs
Tennessee Valley Authority
4G Blue Ridge
1101 Market Street
Chattanooga, TN 37402-2801

Mr. Ralph H. Shell
Site Licensing Manager
Sequoyah Nuclear Plant
Tennessee Valley Authority
P.O. Box 2000
Soddy Daisy, TN 37379

Mr. Roger W. Huston
Tennessee Valley Authority
11921 Rockville Pike
Suite 402
Rockville, MD 20852

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

Mr. William E. Holland
Senior Resident Inspector
Sequoyah Nuclear Plant
U.S. Nuclear Regulatory Commission
2600 Igou Ferry Road
Soddy Daisy, TN 37379

Mr. Michael H. Mobley, Director
Division of Radiological Health
3rd Floor, L and C Annex
401 Church Street
Nashville, TN 37243-1532

County Judge
Hamilton County Courthouse
Chattanooga, TN 37402