

TENNESSEE VALLEY AUTHORITY

6N 38A Lookout Place

October 2, 1989

Mr. Dennis M. Crutchfield
U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Dear Mr. Crutchfield:

In the Matter of)	Docket Nos.	50-259
Tennessee Valley Authority)		50-260
			50-296
			50-327
			50-328
			50-390
			50-391

NRC REORGANIZATION OF MANAGEMENT OF TVA PROJECTS

As we discussed last month, I believe that the forthcoming NRC reorganization to absorb the Office of Special Projects (OSP) into the existing NRC organization requires careful planning by both the NRC and TVA. Toward that end, I am providing a listing of licensing activities that are presently underway or planned to support the restart, refuelings, and initial licensing and startup respectively of its Browns Ferry, Sequoyah, and Watts Bar Nuclear Plants.

Enclosure 1 presents TVA's list of priority licensing activities which require resolution by January 1990, with the planned or actual date for NRC or TVA actions. In addition as listed in Enclosure 1, your review and approval of the TVA QA Program Plan and for TVA Organizational Topical Report are also requested.

In order to further your planning for the reorganization, we have also compiled a list of major licensing activities that will require your review and action during 1990 to support either the restart, refueling, or initial startup of our nuclear plants (Enclosure 2).

With regard to the reorganization of OSP, TVA requests that NRC maintain, to the maximum extent practicable, continuity of technical reviewers and project managers. However, where reviewers or project managers are to be changed, TVA is prepared to participate in the turnover process to facilitate an effective transfer of the knowledge and understanding of the issues involved.

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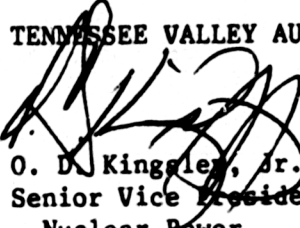
Mr. Dennis M. Crutchfield

October 2, 1989

We would like to meet with you in the near future to discuss the planned licensing activities and your transition plan.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



O. D. Kingley, Jr.
Senior Vice President
Nuclear Power

Enclosures

cc (Enclosures):

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Browns Ferry Resident Inspector
Browns Ferry Nuclear Plant
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Athens, Alabama 35609-2000

Sequoyah Resident Inspector
Sequoyah Nuclear Plant
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Watts Bar Resident Inspector
Watts Bar Nuclear Plant
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Spring City, Tennessee 37381

ENCLOSURE 1

PRIORITY LICENSING ACTIVITIES

RESOLUTION BY JANUARY 1990

**SUMMARY
PRIORITY LICENSING ACTIVITIES**

<u>MAJOR CLASSIFICATION OF WORK</u>	<u>BFN RESTART</u>	<u>SQN REFUELINGS*</u>	<u>WBN STARTUP</u>	<u>CORPORATE</u>
1. SERs and other formal approval actions	°23 SERs including NPP Vol. 3	°2 ASME Code Relief Requests	°9 CAPs and 6 SERs including NPP Vol. 4 °5 Areas require Approval of TVA Approach	°Approve TVA Organizational Topical °Approve TVA QA Program Plan
2. Licensing Actions:				
a. Tech Spec Amendments	8 for Unit 2	4 for Unit 1	None	None
b. Safety Analysis Revisions	1 for EQ-MCCs	Revision to Section 15 & 6		
3. Inspection to close open issues or items	10 major NRR inspections plus ongoing Region II inspections	Normal resident inspector activity	Normal resident inspector activity. Currently developing inspection plan for issues with Region II.	None
4. Commission Briefings	None Planned	None Planned	None Planned	None

*Unit 1 - Spring 1990

Unit 2 - Fall 1990

BROWNS FERRY NUCLEAR PLANT
PRIORITY LICENSING ACTIVITIES

I. NRC Review and Action on the following items or issues is required.

<u>ISSUE OR ITEM DESCRIPTION</u>	<u>TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION DUE</u>
1. Seismic Design Issues		Issue SERs (part of NUREG 1232/3 Supp 1)	10/15/89
a. Seismic Interaction	09/21/88		
b. IEB 79-02/14	11/10/88		
2. Inservice Test Program Relief Request	01/15/88	Issue SER	09/29/89
3. Thermal Overloads	05/15/89	Issue SER (Part of NUREG 1232/3 Supp 1)	10/15/89
4. Electrical Separation	mid Oct. 1989	Issue SER	11/30/89
5. Instrument Tubing (Slope and Supports)	06/13/89	Issue SER (Part of NUREG 1232/3 Supp 1)	10/15/89
6. Cable Installation	06/19/89	Issue SER	10/30/89
7. Control Room Habitability	06/27/89	Issue SER	11/15/89
8. PRA	07/26/89	Issue SER (Part of NUREG 1232/3 Supp 1)	10/15/89
9. Fire Protection (Safe Shutdown)	04/04/88	Issue SER	09/29/89
10. Flex Conduit	08/18/89	Issue SER	no date*
11. ISEG	12/30/88	Issue SER (Part of NUREG 1232/3 Supp 1)	10/15/89
12. Station Blackout (per 50.63)	04/14/89	Issue SER	no date**

BROWNS FERRY NUCLEAR PLANT
PRIORITY LICENSING ACTIVITIES

<u>ISSUE OR ITEM DESCRIPTION</u>	<u>TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION DUE</u>
13. MIC	06/01/89	Issue SER (Part of NUREG 1232/3 Supp 1)	10/15/89
14. CRDH Insert and Withdrawal Criteria	mid Oct. 1989	Issue SER	no date*
15. Platform Thermal Growth (NPP Vol 3 issue)	10/24/88	Issue SER	no date*
16. Containment Coatings	10/06/89	Issue SER	no date*
17. Ampacity Test Results	mid Oct. 1989	Approval	no date*
18. ATWS Diversity Issue	June 1989	NRC approval TVA position	no date**
19. License Amendment Re: USQ on EQ-MCCs	10/30/89	Issue SER	no date*
20. BFNPP Vol. 3 Rev. 3	mid Oct. 1989	Complete SER NUREG 1232/3	no date*
21. Order EA 85-49 (Re: Corrective Actions)	None Required	Remove License Condition	no date*
22. Fire Protection Plan	04/04/89	Issue SER	no date**
23. Interim SPDS	mid Nov. 1989	Issue SER	no date*

* Request resolution in NUREG 1232/3 Supplement 2.

**Currently, not a restart issue; however, resolution is requested by
January 1990

BROWNS FERRY NUCLEAR PLANT
PRIORITY LICENSING ACTIVITIES

II. NRC review and issue the following tech spec changes:

	<u>TECH SPEC CHANGE NUMBER AND ISSUE</u>	<u>TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION DUE</u>
1.	TS-242 RHRSW Reqmts	06/24/88	Issue TS Change	no date*
2.	TS-251 PCIV Table 3.7A	08/01/88	Issue TS Change	10/89
3.	TS-268 Safe Shutdown	04/14/89	Issue TS Change	10/89
4.	TS-272 Thermal Hydraulic	06/20/89	Issue TS Change	10/89
5.	TS-271 SRMs	06/20/89	Issue TS Change	11/89
6.	TS-273 Containment Purge	08/04/89	Issue TS Change	11/89
7.	TS-274 HPIC-RCIC	08/09/89	Issue TS Change	11/89
8.	TS-267 Section 6.0 Admin.	02/01/89	Issue TS Change	no date*

*Resolution requested by January 1990.

BROWNS FERRY NUCLEAR PLANT
PRIORITY LICENSING ACTIVITIES

III. NRC complete the following inspections being performed by NRC-OSP:

<u>INSPECTION</u>	<u>INSPECTOR</u>	<u>INSPECTION DATE</u>
1. 79-02/14 Large Bore	J. Fair	10/16/89
2. Seismic Program Followup	T. Cheng	Jan. 1990
3. Civil Structural Followup	T. Cheng	11/06/89
4. Electrical Issues	H. Garg	10/06/89
5. Electrical Issues Followup	H. Garg	no date
6. Environmental Qualification	G. Hubbard	02/12/90
7. Procurement/ Piece Parts	G. Hubbard	02/19/90
8. Emergency Operating Procedure	T. Rotella	02/05/90
9. Safety System Quality Evaluation	M. Branch/ G. Hubbard	11/27/89
10. Site Management and Organization	D. Moran	In Progress

SEQUOYAH NUCLEAR PLANT

PRIORITY LICENSING ACTIVITIES

I. The following NRC Actions will be required to support modifications which will be installed during the Unit 1 Cycle 4 Refueling Outage March 1990.

<u>ISSUE OR TECH SPEC CHANGE SUBJECT</u>	<u>TVA SUBMITTAL APPROX. DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION APPROX. DATE</u>
1. Generic Letter 88-11 a. Reg Guide 1.99 Backfit on Pressure/ Temperature Curves b. Low Temperature Overpressure Protection (App. G)	mid Nov. 1989	Approve Tech Spec Change	December 30, 1989
2. IRM/SRM Gammametrics	mid Oct. 1989	Approve Tech Spec change	December 30, 1989
3. Post Accident Monitoring	late Oct. 1989	Approve Tech Spec change	December 30, 1989
4. Fuel Enrichment Increase	late Oct. 1989	Approve Tech Spec change	December 30, 1989
5. ASME Code Relief for a. RTD Bypass b. UHI Removal	late Sept. 1989	Approval of Relief	December 30, 1989

WATTS BAR NUCLEAR PLANT
PRIORITY LICENSING ACTIVITIES

I. NRC Review and Endorsement of the following Corrective Action Program (CAP) Plans.

<u>TITLE</u>	<u>TVA SUBMITTAL</u>	<u>NRC ENDORSEMENT DUE</u>
1. Cable issues	06/27/89	not scheduled
2. Design Baseline Verification Program	06/29/89	09/29/89
3. Hanger Analysis and Update Program	06/29/89	09/29/89
4. HVAC Duct and Supports	11/18/88	09/29/89
5. Replacement Items Program	08/07/89	09/29/89
6. Prestart Test	06/26/89	09/29/89
7. QA Records	06/27/89	09/29/89
8. Vendor Information	06/27/89	09/29/89
9. CAP Matrices	07/13/89	Approve with each CAP

WATTS BAR NUCLEAR PLANT
PRIORITY LICENSING ACTIVITIES

II. NRC Review and Action on the following issues or items.

	<u>ISSUE OR ITEM DESCRIPTION</u>	<u>TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION DATE</u>
1.	Nuclear Performance Plan Vol 4	05/22/89	Issue SER	10/31/89
2.	FSAR Update plan	06/29/89	Approve TVA Approach	no date
3.	ATWS	02/28/89	Issue SER	no date
4.	Containment Isolation	05/12/89	Issue SER	no date
5.	Equipment Qualification	09/30/86	Issue SER	no date
6.	Leak Before Break	04/17/89	Issue SER	no date
7.	Main Steam Line Break/ Superheat	due 09/29/89	Issue SER	no date
8.	Physical Security Program (approach only)	due late Nov. 1989	Approve TVA Approach	no date
9.	NUREG 0737 Items	None planned	Meet with TVA to review list and agree on the baseline list of open items required for startup	no date
10.	IE Bulletins/ Generic Letters Applicability	As needed	Meet with TVA to develop baseline list of Bulletins and Generic Letter to be addressed for startup	no date

CORPORATE

PRIORITY LICENSING ACTIVITIES

I. NRC Review and Action on the following items or issues is required.

<u>ISSUE OR ITEM DESCRIPTION</u>	<u>TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION DUE</u>
1. TVA QA Program	03/30/89	Approval Letter	Mid-October
2. TVA Organizational Topical Report	06/01/89	Approval Letter	Mid-November

ENCLOSURE 2

MAJOR 1990 LICENSING ACTIVITIES

SUMMARY

MAJOR 1990 LICENSING ACTIVITIES

<u>MAJOR CLASSIFICATION OF WORK</u>	<u>BFN RESTART</u>	<u>SON REFUELINGS</u>	<u>WBN STARTUP</u>
1. SERs and other formal approval actions	• 2 SERs identified for 1990.	• 2 ASME Code Relief Requests for Unit 2	• Numerous SERs and SER changes for FSAR.
2. Licensing Actions:			
a. Operating License	----	----	Issue OL
b. Tech Spec Amendments	3 identified for Unit 2	6 for Unit 1 10 for Unit 2 An estimated 10 Tech Spec improvements	Issue Tech Specs
c. Safety Analysis Revisions		Revision to FSAR Section 15 & 6	Numerous Revisions
3. Inspection to close open issues or items	22 major inspections plus ongoing Region II inspections	Normal resident inspector activity	Many major inspections plus normal NTOL inspections. Currently developing inspection plan for issues with with Region II.
4. Commission Briefings	At least one	None planned	At least one

BROWNS FERRY NUCLEAR PLANT

MAJOR LICENSING ACTIVITIES

- I. NRC review and approval of the following issues or license amendments will be required in 1990:

<u>ISSUE OR SUBJECT FOR AMENDMENT</u>	<u>TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>NRC ACTION DATE</u>
1. MSRV/ADS	early 1990	Issue TS Change	no date
2. Standby Gas Treatment	early 1990	Issue TS Change	no date
3. Molded Case Circuit Breakers	10/27/89	Approve TVA action	no date
4. Emergency Operating Instructions/Emergency Procedure Guidelines, (Rev 4)	10/09/89	Approve TVA action	no date
5. Fire Protection (Remove per GL 86-10)	early 1990	Issue TS change	no date

BROWNS FERRY NUCLEAR PLANT

MAJOR LICENSING ACTIVITIES

II. NRC complete approximately 22 major inspections plus regional inspections to close out open items and NPP issues.

SEQUOYAH NUCLEAR PLANT

MAJ LICENSING ACTIVITIES

I. The following are licensing actions that will require NRC approval to support SQN Unit 1 Cycle 4 refueling:

<u>ISSUE OR TECH SPEC CHANGE SUBJECT</u>	<u>APPROXIMATE TVA SUBMITTAL DATE</u>	<u>NRC ACTION REQUIRED</u>	<u>APPROXIMATE NRC ACTION DATE</u>
1. UHI Removal*	by Dec. 30, 1989	Issue Tech Spec Change	March 1990
2. BIT Removal*	by Dec. 30, 1989	Issue Tech Spec Change	March 1990
3. Mid-Loop Operations	by Dec. 30, 1989	Issue Tech Spec Change	March 1990
4. Vantage 5H Fuel*	by Dec. 30, 1989	Issue Tech Spec Change	March 1990
5. PRM & IRM Functional Test	January 1990	Issue Tech Spec Change	March 1990
6. Eagle 21 (Digital RPS Modification)*	January 1990	Issue Tech Spec Change	March 1990

* Significant revisions to Safety Analyses are required to support these tech spec amendments.

SEQUOYAH NUCLEAR PLANT

MAJOR LICENSING ACTIVITIES

- II. The following are licensing actions that will require NRC action during the remainder of 1989 and 1990 to support SQN Unit 2 refueling and station operations (both units):

<u>ITEM OR ISSUE</u>	<u>MAGNITUDE OF WORKLOAD</u>
1. License Amendments for SQN Unit 2	The list of tech spec changes required to support Unit 2 is the same as those for Unit 1 cycle 4. The NRC technical review and approval should be made concurrently with the Unit 1 tech spec changes revision <u>but</u> the issuance of the tech spec change delayed to correspond with Unit 2 refueling outage scheduled for Fall 1990.
2. License Amendments for Tech Spec Improvements	Approximately 10 tech spec changes will be submitted to clarify tech spec terminology and language; four submittals in 1989, the rest in 1990. NRC approval of these tech spec revisions is requested during 1990.

WATTS BAR NUCLEAR PLANT
MAJOR LICENSING ACTIVITIES

<u>ITEM OR ISSUE</u>	<u>MAGNITUDE OF WORKLOAD</u>
1. FSAR Update	Significant changes to FSAR will be made. Many changes will affect existing SERs and require SER revisions.
2. Technical Issues	The following technical issues require resolution in the form of a TVA submittal and NRC SER " Emergency Preparedness " Operator Licensing " Physical Security Plan " Station Blackout
3. Commitment and Open 50.55e Reports	There are presently in excess of 600 open items stemming from NOV's, 50.55e reports, and IFIs/URIs.
4. Technical Specifications	Must be reviewed, updated, approved, and issued
5. NUREG 0737 Items	Complete action items, review, and approve closure
6. IE Bulletins/Generic Letters	Complete action and close Bulletins and Generic Letters required for startup.
7. Inspections to close NPP and CAPs also to support NTOL issuance.	Complete required actions, perform inspections to close open items (IFIs, URIs) from CAP reviews as all prior inspections. Currently developing inspection plan for issues with Region II.