

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

April 22, 1982

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Chief
Licensing Branch No. 4
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, DC 20555



Dear Ms. Adensam:

In the Matter of the Application of)
Tennessee Valley Authority)

Docket Nos. 50-390
50-391

Enclosed is additional information concerning the Radiological Emergency Plan (REP) for Watts Bar Nuclear Plant. This information addresses NRC concerns specified during a telephone conference call on April 8, 1982 and clarification and schedule changes for commitments made in my letter to you dated January 19, 1982. These schedules are consistent with the recently revised fuel load schedules for Watts Bar.

If you have any questions concerning this matter, please get in touch with D. P. Ormsby at FTS 858-2682.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Licensing

Sworn to and subscribed before me

this 22nd day of April 1982.

Paulette H. White
Notary Public

My Commission Expires 9-5-84

Enclosure

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

X005
5/1/1

~~8204260052~~
8205050492 820429
PDR ADDCK 05000390
F PDR

ENCLOSURE
WATTS BAR NUCLEAR PLANT

1. Onsite Emergency Organization

Comment: The shift manning schedule (see attached Table 1) has been updated as discussed with the NRC reviewer. This table will be included in the next revision to the Radiological Emergency Plan (REP). In addition, personnel from adjacent plants will be available within 90 to 120 minutes.

2. Emergency Response Support and Resources

Comment: A conceptual design for the emergency response facilities will be provided by June 15, 1982.

3. Notification of Methods and Procedures

Comment: The prompt notification system schedule should be changed as follows:

Complete system conceptual design	December 1, 1981
Complete land acquisition	July 15, 1982
Complete equipment procurement	August 2, 1982
Begin construction	August 16, 1982
Complete construction	October 29, 1982
Complete system checkout	November 30, 1982
Turn system control over to Tennessee	July 1, 1983

The following comments pertain to the draft Safety Evaluation Report on emergency planning.

4. Public Education and Information

Comment: Next to last paragraph, last sentence, change ". . . coordinating all news releases" to ". . . coordinating TVA news releases" The State is responsible for coordinating its releases with TVA.

The written agreements with Quality Inn and Ramada Inn are not yet in place, but TVA has received an oral agreement from Quality Inn. The written agreement will be completed and in place by January 1, 1983.

Accident Assessment

Comment: Next to last paragraph, last sentence should be changed from "An all-weather helicopter is provided for use by the MSECC teams." to "The MSECC teams may be transported by helicopter or fixed-wing aircraft." This is consistent with the Watts Bar Nuclear Plant Radiological Emergency Plan, page 74.

5. Protective Response

Comment: The evacuation time assessment update will be provided by July 16, 1982.

6. REP Exercise

Comment: The exercise for the Watts Bar Radiological Emergency Plan is now scheduled for July 1983.

7. NRC Appraisal

Comment: The Watts Bar Radiological Emergency Plan Program will be sufficiently complete to support the NRC appraisal in May 1983.

TABLE 1

ADDITIONAL PLANT SUPERVISORY PERSONNEL

Major Functional Area	Major Tasks	Position Title or Expertise	On Shift	Additional 30 Minutes	Within 60 Minutes
Plant Operations and Assessment of Operational Aspects	Plant Operation	Shift Engineer	1	--	--
		Assistant Shift Engineer	2	--	--
		Unit Operators	3	--	--
		Assistant Unit Operators	2		
Emergency Director and Control (Emergency Coordinator)		Site Emergency Director	1**	--	--
Notification/Communication	Notify licensee, State, local, and Federal personnel and maintain communication		1**	3	--
Radiological Accident Assessment and Support of Operational Accident Assessment	Radiation Protection Offsite Surveys Onsite (out-of-plant) In-plant surveys Chemistry/Radio- chemistry	Health Physics Supervisor	--	--	1
				2	2
				1	1
		HP Technicians	1**	1	1
		Rad/Chem Technicians	1	1	--
Plant System Engineering, Repaired and Corrective Actions	Technical Support	Shift Technical Advisor	1	2	--
		Core	--	1	--
		Electrical	--	1	--
		Mechanical	--	1	--
	Repair and Corrective Actions	Mechanical Maintenance/ Rad Waste Operator	--	1	--
		Electrical Maintenance/ Instrument and Control	--	2	--
		(I&C) Technican	--	1	--

Entire Page Revised

TABLE 1 (continued)

Major Functional Area	Major Tasks	Position Title or Expertise	On Shift	Additional Within 30 Minutes	60 Minutes
Protective Actions (In-Plant)	Radiation Protection a. Access Control b. HP Coverage for repair, corrective actions, search and rescue first-aid & fire- fighting c. Personnel monitoring d. Dosimetry	HP Technicians	2	2	1**
Firefighting	--	--	Fire Brigade per Technical Specifications	For Additional Support, see Section 7.1.6.4	
Rescue Operations and First-Aid	--	--	2**	Local Support	
Site Access Control and Personnel Accountability	Security, firefighting communications, person- nel accountability	Security Personnel	All per security plan		
		Total	12	20	5

(1) One of these positions is normally filled by an Assistant Shift Engineer.

**May be provided by shift personnel assigned other functions.