

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 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, D.C. 20555

Dear Ms. Adensam:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391

The enclosed information documents TVA's understanding of the Watts Bar Nuclear Plant Radiological Effluent Technical Specifications as a result of the conference call on September 14, 1982. In accordance with TVA's commitment specified in item 10 of the enclosure, we are providing three copies each of drawings showing gaseous and liquid release pathways.

If you have any questions concerning this matter, please get in touch with D. A. Kulisek at FTS 858-2681.

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 Sept 1982

Bryant M. Lowery
Notary Public

My Commission Expires 4/8/86

Enclosures

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

Boo!
1/1
APER. Dist
SEND DRWS to:
PM

ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
CONFERENCE CALL - SEPTEMBER 14, 1982
RADIOLOGICAL EFFLUENT TECHNICAL SPECIFICATIONS

Participants

<u>T V A</u>		<u>NRC</u>
D. P. Orsmy	F. K. Heacker	J. Bagley
W. L. Byrd	D. R. Matthews	T. Kenyon
J. J. Erpenbach	M. E. Murray	

The following items provide TVA's understanding of the issues discussed during the conference call.

1. TVA can use NBS traceable standards to calibrate in-line radiation monitors as long as an adequate quality control program is maintained and the calibration method(s) and results are documented. No wording change in the RETS is necessary.
2. TVA does not have to analyze at a given LLD for any nuclides such as those in Regulatory Guide 1.21, other than the nuclides listed in the technical specifications.
3. Iodine-133 analyses are no longer a tech spec requirement.
4. The NRC staff will review the analytical requirements for the shield building vent and discuss this with TVA at a later date. The NRC did not have an immediate answer to all questions concerning the sampling and analyses program for this release point.
5. The NRC staff will review the methods for obtaining an LLD for gamma spectrometry analyses. They did not have an immediate answer to questions posed by TVA on this subject.
6. Questions on applicability of Regulatory Guide 1.21 as a format guide for semiannual radiological effluent reporting were posed to the NRC staff. The NRC staff agreed that the problems TVA outlined were valid concerns and were important discrepancies. It was agreed that TVA shall draft a proposed guideline for radiological effluent reporting, and the NRC staff will review the draft.
7. The monthly dose projections for air doses were clarified to be from noble gases and the organ doses from radioactive material other than noble gases with half-lives greater than eight days. Offsite Dose Calculation Manual (ODCM) dose calculations are adequate for projecting doses.

8. The NRC staff would not agree to the use of a variable setpoint for the automatic containment isolation radiation monitors (containment gas monitor, containment particulate monitor, and containment purge monitors). They stated that we should calculate a value for these radiation monitors setpoints based on 10 CFR 20 offsite concentration limits.
9. The NRC staff could not readily agree to using continuous radiation monitor readings to initiate additional sampling and analyses from gaseous effluent release pathways. They stated that we should use a 15 percent power change/hour to initiate the above-mentioned sampling and analyses program. TVA may pursue this issue further.
10. In order to clarify our reasons for requesting certain changes in the surveillance requirements for gaseous and liquid releases, TVA agreed to send to the NRC drawings which clearly show the Watts Bar release pathways for gaseous and liquid effluents. Three copies each of these drawings are attached.
11. A request to delete Fe-55 analyses was denied.
12. TVA will hold a followup telephone conference with the NRC staff after they have reviewed the release pathway drawings.