



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

December 30, 2021

James Barstow, Vice President
Nuclear Regulatory Affairs & Support Services
Tennessee Valley Authority
1101 Market Street, LP3D-C
Chattanooga, TN 37402-2801

SUBJECT: TENNESSEE VALLEY AUTHORITY, CORRECTED COPY OF LICENSE, MAIL CONTROL NOS. 620466 AND 624878

Dear Mr. Barstow:

Enclosed is the Corrected Copy of Amendment No. 10 for License No. 41-08165-18. During review of the financial assurance intended to be provided for this license, we identified several errors in Amendment No. 10 that affected the financial assurance to be provided. The following changes were made:

- Item Nos. 6.A and 6.B listed “any byproduct material...” instead of “any radioactive material...”. This error also occurred with Amendment No. 9 but was identified by your staff and a Corrected Copy issued at that time. This error occurred because of changes in approved authorizations. We no longer allow authorization of “any radioactive material” but require separate authorization for byproduct material, source material, and special nuclear material. In order to prevent this from occurring again, Item 6.C was added for source material and 6.D was added for special nuclear material, both of which were previously included in “any radioactive material.”
- Item No. 8 was changed to further constrain the authorized amounts of materials that may be possessed, due to the limitations in the method of providing financial assurance by a pre-certified value instead of a decommissioning funding plan. The pre-certified amount of financial assurance is based on quantities which vary according to the actual radionuclides possessed, as stated in Condition 11 of the Corrected Copy of Amendment No. 10.
- Condition 13 was moved to Condition 11 and revised to refer only to those licensed materials which are constrained for the purposes of providing financial assurance.

J. Barstow

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Based on the changes in the Corrected Copy, new financial assurance documents are required to be provided. The financial assurance action (Mail Control No. 624878) remains open until new documents are approved. At this time, based on the authorized amounts and Condition 11, the quantities of byproduct material require provision of the pre-certified amount of \$1,125,000 and the quantity of special nuclear material requires an additional pre-certified amount of \$1,125,000. The quantity of source material authorized does not require financial assurance to be provided for that material.

We apologize for any inconvenience this error may have caused.

Sincerely,

Christopher Cahill, Chief
Commercial, Industrial, R&D
and Academic Branch
Division of Radiological Safety and Security
Region I

License No. 41-08165-18
Docket No. 030-35695
Mail Control No. 624878

Enclosure:
Corrected Copy of Amendment No. 10

cc: William Lee Cain, Radiation Safety Officer
Andrew Taylor, Senior Program Manager

TENNESSEE VALLEY AUTHORITY, CORRECTED COPY OF LICENSE, MAIL CONTROL NOS. 620466 AND 624878 DATED DECEMBER 30, 2021

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SUNSI Review Complete: Betsy Ullrich

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