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Tennessee Valley Authority
1101 Market Street, LP 3R
Chattanooga, Tennessee 37402-2801



R. M. Krich
Vice President
Nuclear Licensing

P-7
MS-16

December 21, 2010

10 CFR 30.36

ATTN: Thomas K. Thompson
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Tennessee Valley Authority
Material License No. 41-25370-01
Docket No. 030-34258

Subject: **Termination Request for Material License No. 41-25370-01 for
Tennessee Valley Authority's Energy Research Center
(Mail Control No. 573643)**

- References:
1. Letter from TVA to NRC, "Termination Request for Material License No. 41-25370-01 for Tennessee Valley Authority's Energy Research Center (Mail Control No. 144558)," dated October 1, 2010
 2. Letter from NRC to TVA, "Tennessee Valley Authority, Request for Additional Information Concerning Application for Amendment to License, Control No. 573643," dated November 22, 2010

In Reference 1, the Tennessee Valley Authority (TVA) submitted an application for termination of Material License No. 41-25370-01 for TVA's Environmental Research Center in Muscle Shoals, Alabama. In Reference 2, the Nuclear Regulatory Commission provided a request for additional information (RAI) regarding TVA's license termination request. The RAI specified that TVA's response be submitted within 30 days of the date of the letter transmitting the RAI, i.e., by December 22, 2010. Based on a review of the RAI, TVA has determined that it will need additional time to locate and provide the requested information. As a result, by January 21, 2011, TVA will submit a schedule for providing the requested information.

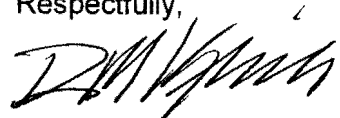
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If you have any questions concerning this matter, please contact Josh Perrel at
(423) 751-7737.

Respectfully,

A handwritten signature in black ink, appearing to read "R. M. Krich". The signature is written in a cursive style with a large initial "R" and "M".

R. M. Krich

cc: NRC Document Control Desk