



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

January 28, 2013

VIA E-MAIL

Leigh Ing

Texas Low-Level Radioactive Waste Disposal Compact Commission
3616 Far West Blvd., Suite 117, #294
Austin, TX 78731

Subject: Tennessee Valley Authority Import Petition for Irradiated Hardware

Dear Mrs. Ing,

Pursuant to our telephone conversation on Friday, January 25, 2013, I am sending additional comments as to why Tennessee Valley is giving back 40,000 curies to the Texas Low Level Radioactive Waste Disposal Compact Commission.

On March 22, 2012, Tennessee Valley Authority requested 200,000 curies from the Texas Low Level Radioactive Waste Disposal Compact Commission over a total of six (6) years. The Import Petition requesting the 200,000 curies was deemed received by the Commission on May 10, 2012. On June 29, 2012, the Commission awarded Tennessee Valley Authority a total of 150,000 curies to be used for one (1) year starting April 27, 2012 through April 27, 2013. As a result of that award, Tennessee Valley made the decision to get all the irradiated hardware from the pools at Browns Ferry up to 150,000 curies.

At the time of the award, dose profiling had not been completed. Based on previous spent fuel pool clean-out at Browns Ferry the control rod blades were averaging 1,500 curies per blade. Tennessee Valley believed we could ship 100 control rod blades to Waste Control Specialists for burial in the state of Texas.

Dose profiling was complete in late December 2012 and it showed that the control rod blades were averaging approximately 710 curies per blade, which was less than 1,500 curies that was estimated using historical data for the application. At that point, Tennessee Valley approached the Commission and stated we did not need 150,000 curies for year one of operation at Waste Control Specialists and gave back 40,000 curies.

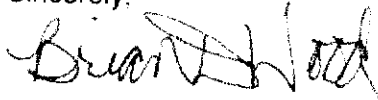
Tennessee Valley Authority original import petition requested a six (6) year term and 200,000 curies. In the next few outages, another 135 blades will have to be replaced and our plans are to store for 18 months and dispose of after that.

I do believe our original estimate of 200,000 curies for six (6) years will be achieved. Tennessee Valley Authority has shipped five (5) liners containing irradiated hardware and we are on track to ship an additional five (5) liners before the April 26, 2013.

deadline. In addition to the irradiated hardware shipments, we have also shipped sixteen (16) resin liners to Waste Control Specialists for burial.

If you have any questions or concerns regarding the above topic, please contact me at (423) 751-6959 or (423) 664-3969

Sincerely,

A handwritten signature in black ink that reads "Brian D. Wood". The signature is written in a cursive style with a large, stylized "B" and "W".

Brian D. Wood
Program Manager Radioactive Waste, Environmental Services & Meteorological
Nuclear Power Group