

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

January 12, 2010

Mr. Chris Andrews  
ETC EREF Licensing Manager  
Enrichment Technology Company  
Capenhurst  
Chester  
CH1 6ER  
United Kingdom

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION -- AREVA ENRICHMENT SERVICES LLC LICENSE APPLICATION FOR THE EAGLE ROCK ENRICHMENT FACILITY -- FUNDAMENTAL NUCLEAR MATERIAL CONTROL PLAN, REVISION 1, CHAPTER 9, UNAUTHORIZED ENRICHMENT PREVENTION PROGRAM (TAC NO. L32707)

Dear Mr. Andrews:

We have completed our initial technical review regarding the AREVA Enrichment Services, LLC (AES) Eagle Rock Enrichment Facility Fundamental Nuclear Material Control Plan (FNMCP), Chapter 9. The FNMCP was transmitted by letter December 30, 2008. Our review of Chapter 9 of the FNMCP has identified that additional information is needed before the staff can take final action on AES's license application.

The enclosed Request for Additional Information (RAI) addresses Chapter 9 of the FNMCP only. The enclosed RAI does not address other chapters of the FNMCP. Questions and comments on our review of the other chapters of the FNMCP were provided directly to AES, by letter dated August 26, 2009.

You will note that the enclosure is non-public and marked as Official Use Only, because it contains sensitive unclassified security-related information. The U.S. Nuclear Regulatory Commission (NRC) Regulatory Issue Summary 2005-31 provides guidance for the submission of security-related sensitive unclassified non-safeguards information.

Please provide the additional information requested in the attachment within 30 days of the date of this letter.

If you have any questions regarding this letter, please contact me at (301)492-3110 or via e-mail to [breeda.reilly@nrc.gov](mailto:breeda.reilly@nrc.gov).

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C. Andrews

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Sincerely,

**/RA/**

M. Breeda Reilly, Senior Project Manager  
Advanced Fuel Cycle, Enrichment, and  
Uranium Conversion Branch  
Special Projects and Technical Support  
Directorate  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 70-7015

Enclosure: As stated (Official Use Only)

cc w/o enclosure:

George Harper/ AREVA Enrichment Services

Jim Kay/ AREVA Enrichment Services

Sam Shakir/ AREVA Enrichment Services

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M. Breeda Reilly, Senior Project Manager  
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AREVA Website-YES

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