

September 17, 2015

Mr. Steven Toelle
Director, Regulatory Affairs
American Centrifuge Operating, LLC
6903 Rockledge Drive
Bethesda, MD 20817-1818

SUBJECT: INFORMATION SYSTEM SECURITY PLAN AND CLASSIFIED DISTRIBUTIVE
INFORMATION NETWORKS PLAN FOR CLASSIFIED NETWORKS FOR THE
AMERICAN CENTRIFUGE PROGRAM FACILITY IN PADUCAH, KENTUCKY,
TECHNICAL ASSIGNMENT CONTROL NO. L34310

Dear Mr. Toelle:

I am responding to your letter dated February 9, 2015 (AC 15-0003), submitting, for U.S. Nuclear Regulatory Commission's (NRC's) review and approval, the following classified computer networks for the Centrus Energy Corp. (Centrus) Paducah Governors Crossing (PGC) classified facility in Paducah, Kentucky:

- *Classified Administrative Thin Client System Network Information System Security Plan (ISSP) SP-PGC-0002, and*
- *Classified Distributive Information Networks (CDIN) Plan SP-PGC-0003.*

The PGC is being established to support management of the American Centrifuge program.

The NRC staff, in coordination with subject matter experts from the U.S. Department of Energy's Nuclear Energy Oak Ridge Site Office (DOE/NEORSO), conducted an initial review of your submittal. Following this initial review, by letter dated March 13, 2015, the NRC staff transmitted comments on the proposed plans. In its letter, the NRC staff requested that, upon Centrus' resolution of the comments, the above-listed plans be resubmitted within 30 days for final review and approval. By letter dated April 8, 2015 (ACO 15-0009), you provided the revised plans addressing the NRC staff comments. The NRC staff conducted its review of the revised plans and by letter dated May 11, 2015, the NRC staff approved SP-PGC-0002 and SP-PGC-0003. In its letter, the NRC staff also provided additional comments with a stipulation that the additional comments be addressed and the revised plans be submitted for NRC review and approval by May 21, 2015. The NRC staff also requested that the revised plans be available for review during the operational readiness review (ORR) to be conducted at the Paducah facility in May 2015. By letter dated May 20, 2015 (ACO 15-0020), Centrus provided the final revisions to the plans.

Due to scheduling conflicts, the first portion of the ORR was conducted on June 9, 2015, at the PGC. During this portion of the ORR, conducted in coordination with subject matter experts from the DOE/NEORSO, the NRC staff identified several issues that needed to be addressed before accreditation of the plans could be granted. The NRC staff requested Centrus to address the identified issues and resubmit revised plans. The NRC staff also determined that,

following confirmation of Centrus' resolution of the issues and submittal of revised plans, a second visit to the PGC to complete the ORR was to be scheduled. After confirming resolution of the identified issues, by letter dated August 7, 2015 (ACO 15-0026), Centrus submitted SP-PGC-0002, Revision 2, and SP-PGC-0003, Revision 2, incorporating the comments provided by the NRC and DOE/NEORSO staffs during their June 9, 2015, portion of the ORR of the PGC. On August 19, 2015, the NRC staff re-visited the PGC to conclude the ORR and, based on the results of its review, the NRC staff provided additional comments, which Centrus subsequently addressed in its final revision to both plans submitted to the NRC for review and approval by letter dated August 20, 2015 (AC 15-0029).

The NRC staff has completed its review of your submittals. Based on its review of the information provided in your submittals dated February 9, 2015 (AC 15-0003), April 8, 2015 (ACO 15-0009), May 20, 2015 (ACO 15-0020), and August 20, 2015 (AC 15-0029), and the results of the ORR of the PGC in Paducah, Kentucky, conducted on June 9, 2015, and August 19, 2015, respectively, the NRC staff has determined that classified computer networks SP-PGC-0002, *Classified Administrative Thin Client System Network Information System Security Plan (ISSP)* Revision 2, dated August 2015, and SP-PGC-0003, *Classified Distributive Information Network (CDIN) Plan*, Revision 2, dated August 2015, are acceptable and are, therefore, approved. As such, Centrus is authorized to operate the above referenced classified computer networks at the PGC for the processing up to, and including, Secret Restricted Data. This Authority to Operate (ATO) will expire on September 4, 2018. To maintain this ATO, the continuous monitoring report must be submitted annually for NRC's review.

This action completes the efforts on Technical Assistance Control number L34310.

In accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390 of the NRC "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

S. Toelle

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If you have any questions regarding this matter, please contact Mr. Osiris Siurano-Perez at 301-415-7827, or via e-mail to Osiris.Siurano-Perez@nrc.gov.

Sincerely,

/RA/

Thomas A. Grice, Chief
Enrichment and Conversion Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket Nos. 70-7003, 70-7004
License Nos. SNM-7003, SNM-2011

cc:

Mr. Steven R. Penrod, Vice President
Mr. Jim Lewis, General Manager
Mr. Mario Robles, Regulatory Manager

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Mr. Steven R. Penrod, Vice President
Mr. Jim Lewis, General Manager
Mr. Mario Robles, Regulatory Manager

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