



August 22, 2011  
ACM 11-0004

ATTN: Document Control Desk  
Ms. Catherine Haney, Director  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**American Centrifuge Plant**  
**Docket Numbers 70-7004; License Numbers SNM-2011**

**Submittal of American Centrifuge Manufacturing, LLC Security Program/Cyber Security Plans – Security-Related Information, Official Use Only**

**INFORMATION TRANSMITTED HERewith IS PROTECTED FROM PUBLIC DISCLOSURE AS CONFIDENTIAL COMMERCIAL OR FINANCIAL INFORMATION AND/OR TRADE SECRETS PURSUANT TO 10 CFR 2.390 AND 9.17(a)(4)**

Dear Ms. Haney:

**Purpose**

The purpose of this letter is to request the U.S. Nuclear Regulatory Commission (NRC) review and approval of the Security Program for American Centrifuge Manufacturing, LLC (ACM) in accordance with 10 *Code of Federal Regulations* (CFR) 95.19. Additionally, this letter requests NRC review and approval of the following cyber security plans:

- ISSP-0001, “American Centrifuge Manufacturing, LLC, Information System Security Plan for a General Support System Processing Classified Information at Protection Index 2”
- ISSP-0003, “American Centrifuge Manufacturing, LLC, (ACM) Classified Distributed Information Network (CDIN) Plan”
- ISSP-0004, “American Centrifuge Manufacturing, LLC, Information System Security Plan for a Major Application – SAP ERP Processing Classified Information at Protection Index 2”

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### **Background**

USEC Inc. (USEC) and The Babcock & Wilcox Company have launched ACM to provide integrated manufacturing and assembly of centrifuge machines for USEC's American Centrifuge Plant in Piketon, Ohio. Based in Oak Ridge, Tennessee, ACM will also provide spare parts and other maintenance support services for the American Centrifuge Project. ACM is a new entity which previously operated as Babcock & Wilcox Technical Services Clinch River, LLC (B&W CR). The Cognizant Security Agency (CSA) for B&W CR was the U.S. Department of Energy (DOE). It has been determined that the CSA for ACM is the NRC.

On March 11, 2011, the NRC issued a revised guidance document (Reference 1), "Standard Practice Procedures Plan: Standard Format and Common Set of Requirements for the Protection of Classified Matter for USEC Inc. and Its Limited Liability Companies Regulated by the U.S. Nuclear Regulatory Commission." This guidance was issued to address requirements common to both the NRC and DOE to assist USEC in developing the Standard Practice Procedures Plans for the newly created limited liability companies established to deploy the American Centrifuge technology.

### **Discussion**

The Security Program and cyber security plans for ACM have been developed and incorporate both the revised guidance and Nuclear Energy Institute (NEI) 08-11 guidance. ACM is submitting these plans to the NRC for review and/or accreditation, as appropriate.

Enclosure 1 of this letter provides the Security Program. Enclosure 2 of this letter provides ISSP-0001, Revision 0. Enclosure 3 of this letter provides ISSP-0003, Revision 0. Enclosure 4 of this letter provides ISSP-0004, Revision 0.

Enclosures 1 through 4 contain Security-Related Information and in accordance with the guidance provided by the U.S. Department of Energy (DOE), these enclosures also contain Official Use Only information. Therefore, USEC requests these enclosures be withheld from public disclosure pursuant to 10 CFR 2.390(d)(1).

### **Action**

In accordance with 10 CFR 95.19 the Security Program/Plans require the NRC's prior review and approval. USEC respectfully requests that the combined NRC/DOE reviews and facility/cyber surveys be completed, and a possessing Facility Data and Approval Record be issued for the American Centrifuge Manufacturing, LLC prior to December 31, 2011.

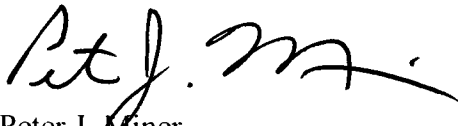
Additionally, USEC requests that the approval of the classified computer network cyber security plans reset the three year reaccreditation date as defined within the DOE's approval letters for these cyber security plans.

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**Contact**

If you have any questions regarding this matter, please contact me at (301) 564-3470 or Michael Knight at (865) 241-7317.

Sincerely,



Peter J. Miner  
Director, Regulatory and Quality Assurance

Enclosures: As Stated

cc (without enclosures, unless otherwise noted):

- J. Calle, NRC Region II
- R. DeVault, DOE (w/enclosures)
- J. Downs, NRC HQ
- K. Everly, NRC HQ (w/enclosures)
- D. Hartland, NRC Region II
- R. Holt, DOE (w/enclosures)
- J.T. Howell, DOE
- S. Rice, DOE (w/enclosures)
- B. Smith, NRC HQ
- O. Siurano, NRC HQ (w/enclosures)
- B. Stapleton, NRC HQ

**Reference:**

1. NRC letter from B.W. Smith to P.J. Miner (USEC) regarding Standard Format and Content Guidance for the Preparation of a Standard Practice Procedures Plan, dated March 11, 2011