



Designated
Original

January 16, 2008
AET 08-0003

Mr. Daniel H. Dorman, Director
Division of Security Operations
Office of Nuclear Security and Incident Response
ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**American Centrifuge Plant
Docket Number 70-7004; License Number SNM-2011
Submittal of Changed Pages of the Emergency Plan for the American Centrifuge Plant**

Dear Mr. Dorman:

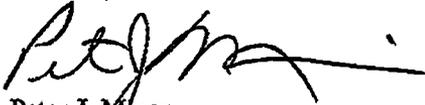
In accordance with 10 *Code of Federal Regulations* (CFR) 70.32(i), USEC Inc. (USEC) hereby submits changed pages of the Emergency Plan for the American Centrifuge Plant (ACP) as Enclosure 1 of this letter. Changed pages for Appendix F of the Emergency Plan contains Export Controlled Information; therefore, this change is being submitted under separate cover (USEC letter AET 08-0007). Revision bars in the right hand margin depict changes from the previous revision submitted to the U.S. Nuclear Regulatory Commission (NRC).

Currently, the NRC-accepted Emergency Plan in effect at the U.S. Department of Energy reservation in Piketon, Ohio is the United States Enrichment Corporation's Emergency Plan, which USEC credited within Chapter 8.0 of the License Application for the Lead Cascade Facility. Changed pages for this site-wide Emergency Plan are currently submitted to the affected off-site response organizations in accordance with 10 CFR 76.91(o) and will remain effective until implementation of the Emergency Plan for the ACP. Upon full implementation of the new site-wide Emergency Plan and in accordance with 10 CFR 70.32(i), USEC will begin supplying changed pages to the affected off-site response organizations through the controlled distribution process.

The changes noted in Enclosure 1 have been reviewed in accordance with 10 CFR 70.72 and has been determined not to require prior NRC approval. This change has also been reviewed in accordance with 10 CFR 70.32 and has been determined not to decrease the effectiveness of the applicable plan.

If you have any questions regarding this matter, please contact me at (301) 564-3470.

Sincerely,



Peter J. Miner
Director, Regulatory and Quality Assurance

Enclosure: As Stated

cc: S. Echols, NRC HQ
J. Henson, NRC Region II
B. Smith, NRC HQ

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Received at OGD
on 2/19/09

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Enclosure 1 to AET 08-0003

Changed Pages to the Emergency Plan for the American Centrifuge Plant

**Does not contain
Export Controlled Information**

**Reviewer: G. Peed
Date: January 11, 2008**

Emergency Plan

for the American Centrifuge Plant in Piketon, Ohio



Revision 12

Docket No. 70-7004

January 2007

Information contained within
does not contain
Export Controlled Information

Reviewer: G. Peed
Date: 01/11/08

NR-3605-0008

**EMERGENCY PLAN
FOR THE AMERICAN CENTRIFUGE PLANT
in Piketon, Ohio**

Docket No. 70-7004

Revision 12

Information contained within
does not contain
Export Controlled Information

Reviewer: G. Peed
Date: 01/11/08

UPDATED LIST OF EFFECTIVE PAGES

Revision 0 – 10 CFR 1045 review completed by L. Sparks on 07/27/04 and the Export Controlled Information review completed by R. Coriell on 07/30/04.
 Revision 1 – 10 CFR 1045 review completed by L. Sparks on 03/04/05 and the Export Controlled Information review completed by R. Coriell on 03/10/05.
 Revision 2 – 10 CFR 1045 review completed by J. Weidner on 05/23/05 and the Export Controlled Information review completed by R. Coriell on 05/23/05.
 Revision 3 – 10 CFR 1045 review completed by J. Weidner on 06/17/05 and the Export Controlled Information review completed by D. Hupp on 06/17/05.
 Revision 4 – 10 CFR 1045 review completed by J. Weidner on 08/30/05 and the Export Controlled Information review completed by D. Hupp on 08/29/05.
 Revision 5 – 10 CFR 1045 review completed by J. Weidner on 10/05/05 and the Export Controlled Information review completed by D. Hupp on 10/04/05.
 Revision 6 – 10 CFR 1045 review completed by J. Weidner on 11/04/05 and the Export Controlled Information review completed by D. Hupp on 11/04/05.
 Revision 7 – 10 CFR 1045 review completed by J. Weidner on 11/17/05 and the Export Controlled Information review completed by D. Hupp on 11/17/05.
 Revision 8 – 10 CFR 1045 review completed by J. Weidner on 02/17/06 and the Export Controlled Information review completed by D. Hupp on 02/17/06.
 Revision 9 – 10 CFR 1045 review completed by J. Weidner on 06/01/06 and the Export Controlled Information review completed by G. Peed on 06/01/06.
 Revision 10 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R. Coriell on 07/11/06.
 Revision 11 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R. Coriell on 06/26/07.
 Revision 12 – 10 CFR 1045 and the Export Controlled Information reviews were completed by G. Peed on 01/11/08.

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- Dispatches Protective Personnel,
- Maintains communications with the Protective Personnel at the emergency scene,
- Advises Protective Personnel management, and
- Advises the EOC staff.

Note: The Security Console Operator may have additional resources to direct in the event of a site-wide emergency. These resources will be Protective Personnel. In an emergency the Security Console Operator directs the initial response of all resources.

6.1.5 Decontamination Facilities

The primary facilities for personnel decontamination are the X-101 Health Services and X-1007 Fire Station, both operated by the United States Enrichment Corporation. Resources and provisions for the decontamination of vehicles and equipment are maintained. Decontamination equipment is designed and equipped to handle potential decontamination requirements identified during an emergency.

6.1.6 Joint Public Information Center

The JPIC is the designated location for the dissemination of official information about the emergency to the media and to the public. JPIC operations are described in designated procedures. The JPIC accommodates the following:

- Coordination of information with interfacing Federal, State, and local organizations and spokespersons;
- Press releases and media briefings; and
- Work space for JPIC personnel, interfacing organization personnel, and representatives of the news media.

The JPIC is located at the Word Alive Fellowship as shown in Figure 1-4 of this plan.

6.2 Communications Equipment

This section describes the communications systems in place to support emergency response. The communications systems are designed to ensure the reliable, timely flow of information and action directives between all parties having a role to play in the mitigation of emergencies. Reliability is provided via multiple channels of communication, dedicated communication equipment to preclude delays due to system overload, and routine use and testing of many of the systems, which lowers the likelihood of undetected system failures. Timeliness of information flow is achieved by prompt notification, predefined lines of communications,

The DOE site manager is responsible for ensuring the adequacy and appropriateness of recovery operations involving non-leased portions of the DOE reservation.

9.2 Recovery Organization

Prior to termination of an emergency and deactivation of the ERO, the Crisis Manager appoints a Recovery Manager and a recovery organization is established to implement recovery plans. The Recovery Manager has overall responsibility for recovery activities, including ensuring that safety equipment is checked and restored to normal conditions and evaluating and retaining as low as reasonably achievable (ALARA) records. Other duties of the recovery manager include coordination of interactions with vendors and contractors, interfacing with off-site Federal, State, and local officials; and assignment of responsibility for compiling, evaluating, and ensuring retention of records associated with the event. The key operating and management positions of the recovery organization are listed below:

- Recovery Manager
- Advisor, Operations
- Advisor, Maintenance
- Advisor, Engineering
- Advisor, Public Affairs
- Health Physics Personnel
- Protective Personnel
- Additional personnel determined by the Recovery Manager, as needed

Personnel radiation exposures during restoration activities are maintained in accordance with the ALARA principle. After a radiological emergency condition no longer exists, a thorough radiological evaluation of the situation is performed. Radiological protection procedures are followed during restoration activities.

10.0 COMPLIANCE WITH *COMMUNITY RIGHT-TO-KNOW ACT*

USEC complies with the EPA *Superfund Amendments and Reauthorization Act (SARA)* Title III regulations, also known as the *Emergency Planning and Community Right-to-Know Act*. Specific responsibilities include emergency response planning, emergency release reporting, hazardous chemical inventory reporting, and toxic chemical release reporting.