



December 9, 2015
ACO 15-0037

ATTN: Document Control Desk

Ms. Melanie Galloway, Director
Division of Security Policy
Office of Nuclear Security and Incident Response
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 Ms. Galloway:

Purpose

In accordance with 10 *Code of Federal Regulations* (CFR) 70.32(i), American Centrifuge Operating, LLC (ACO) hereby submits to the U.S. Nuclear Regulatory Commission (NRC) changed pages of the Emergency Plan for the American Centrifuge Plant (ACP) as Enclosure 1 of this letter.

Background

Currently, the NRC-accepted Emergency Plan in effect at the U.S. Department of Energy reservation in Piketon, Ohio is USEC-02, *Portsmouth Gaseous Diffusion Plant (PORTS) Emergency Plan*, which ACO 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 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), ACO will begin supplying changed pages to the affected off-site response organizations through the controlled distribution process.

Discussion

The changes noted in Enclosure 1 have been reviewed in accordance with 10 CFR 70.32 and have been determined not to decrease the effectiveness of the applicable plan. Revision bars in the right hand margin depict changes from the previous revision submitted to the NRC.

American Centrifuge Operating, LLC
3930 U.S. Route 23 South – P.O. Box 628
Piketon, OH 45661

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Ms. Melanie Galloway
December 9, 2015
ACO 15-0037, Page 2

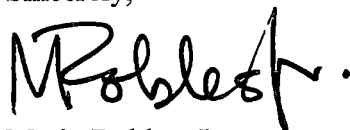
Action

No specific action is requested concerning this submittal.

Contact

If you have any questions regarding this matter, please contact me at (740) 897-3285.

Sincerely,

A handwritten signature in black ink that reads "M Robles, Jr." with a period at the end. The signature is written in a cursive, somewhat stylized font.

Mario Robles, Jr.
Regulatory Manager

Enclosure: As Stated

cc: J.R. Downs, NRC HQ
T.A. Grice, NRC HQ
L.W. Pitts, NRC Region II
O. Siurano-Perez, NRC HQ
M.D. Sykes, NRC Region II
T.A. Vukovinsky, Region II

Enclosure 1 to ACO 15-0037

Changed Pages of the Emergency Plan for the American Centrifuge Plant

**Information contained within
does not contain
Export Controlled Information**

**Reviewer: R.S. Lykowski
Date: 7-28-15**

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.
Revision 13 – 10 CFR 1045 and the Export Controlled Information reviews were completed by G. Peed on 01/24/08.
Revision 14 – 10 CFR 1045 and the Export Controlled Information reviews were completed by M. Basham on 06/05/08.
Revision 15 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R. S. Lykowski 01/27/09.
Revision 16 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R.S. Lykowski on 9/24/09.
Revision 17 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R.S. Lykowski on 1/7/10.
Revision 18 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R.S. Lykowski on 4/22/10.
Revision 19 – 10 CFR 1045 and the Export Controlled Information reviews were completed by R.S. Lykowski on 7/23/10.
Revision 20 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 2-16-11.
Revision 21 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 4-19-11.
Revision 22 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 4-17-12.
Revision 23 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 8-27-12.
Revision 24 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 2-20-13.
Revision 25 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 10-18-13.
Revision 26 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 11-22-13.
Revision 27 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 2-13-14.
Revision 28 – Reviewed and determined to be UNCLASSIFIED. Derivative Classifier R.S. Lykowski. Sensitive information reviews completed and approved for public release by R.S. Lykowski on 7/28/15.

<u>Page Number</u>	<u>Revision Number</u>	<u>Page Number</u>	<u>Revision Number</u>
Cover Page	28	38	19
Inside Cover Page	28	39	19
ULOEP-1	28	40	19
ULOEP-2	28	41	19
ULOEP-3	28	42	19
ULOEP-4	28	43	19
Table of Contents	19	44	19
i	19	45	19
ii	19	46	19
iii	19	47	19
iv	21	48	26
v	19	49	19
vi	19	50	19
1	15	51	22
2	8	52	26
3	15	53	19
4	21	54	19
5	8	55	19
6	8	56	19
7	26	57	19
8	8	58	19
9	8	59	19
10	8	60	19
11	8	61	24
12	19	62	19
13	19	63	26
14	19	64	19
15	19	65	19
16	19	66	19
17	19	67	19
18	19	68	19
19	19		
20	19		
21	26	A-1	15
22	26	A-2	18
23	19	A-3	18
24	19	A-4	20
25	28	A-5	18
26	19	A-6	18
27	24	A-7	18
28	19	A-8	15
29	24	A-9	15
30	26	A-10	15
31	26	A-11	15
32	26	A-12	27
33	19	A-13	18
34	25	A-14	8
35	19		
36	19		
37	19		

<u>Page Number</u>	<u>Revision Number</u>	<u>Page Number</u>	<u>Revision Number</u>
B-1	8	D-1	8
B-2	8	D-2	26
B-3	8		
B-4	8		
B-5	11	E-1	8
B-6	8	E-2	26
B-7	8		
B-8	8		
B-9	8	F-1	21
B-10	8	F-2	21
B-11	8	F-3	21
B-12	8	F-4	17
B-13	8		
B-14	8		
C-1	15		
C-2	15		
C-3	8		
C-4	8		
C-5	20		
C-6	8		
C-7	8		
C-8	8		
C-9	8		
C-10	8		

4.0 RESPONSIBILITIES

The Licensee is responsible for overall direction and control of emergency response activities on the DOE reservation. The Licensee is also required to provide site-wide emergency response services to the DOE.

4.1 Licensee

As described in Chapter 2.0 of the license application, the Vice President, American Centrifuge is ultimately responsible for the safe operation of Licensee activities on the DOE reservation. The General Manager, American Centrifuge Plant Operations is responsible for the day-to-day management of Licensee activities on the reservation, including the ERO. The ACP Manager, Enrichment Operations and the GDP Plant Manager are responsible for day-to-day operation of the respective uranium enrichment plants. Administrative and technical support personnel are normally on-site daily, Monday through Friday, holidays excluded. Operational personnel are on duty 24 hours per day. The Plant Services Manager is responsible for maintaining the Emergency Plan.

Per plant procedures, the IC is responsible for making proper notifications of abnormal conditions, determining the severity of the event declaring an emergency, and initiating appropriate response. (The IC duties are assumed by the on-duty PSS.) The IC provides command and control over the specific incident area response based upon input from operations personnel. The IC acts as the on-scene IC and subsequently as the Crisis Manager until relieved by a member of management designated in the Emergency Line of Executive Succession. The General Manager, American Centrifuge Plant Operations, or designee, becomes the Crisis Manager and is authorized to declare an emergency, initiate the appropriate response, and assign a Recovery Manager when emergency conditions no longer exist. (The duties and responsibilities of the Recovery Manager are addressed in Section 9.0 of this plan.)

4.2 On-site Emergency Response Organization

The ERO is responsible for taking immediate mitigative and corrective actions to minimize the consequences of an incident to workers; public health and safety; and the environment. The ERO is staffed with trained personnel who respond to events and are required to participate in training, drills, and exercises. The incident type and severity dictate the level of ERO activation.

The ERO has the following specific functions and responsibilities, depending on the incident and level of response needed to mitigate the problem:

- Event categorization;
- Notification;
- Protective action recommendations;