



September 30, 2011
GDP 11-1028

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

**Paducah Gaseous Diffusion Plant (PGDP)
Docket No. 70-7001, Certificate No. GDP-1
Reply to Inspection Report 70-7001/2011-002: Notice of Violation (NOV) 2011-002-02**

A Nuclear Regulatory Commission (NRC) letter dated August 31, 2011, transmitted the reply to United States Enrichment Corporation's (USEC's) response to two Severity Level 4 Notice of Violations (NOV) 2011-002-01 and 02. In its response USEC requested a re-evaluation of NOV 2011-002-01 and denied NOV 2011-002-02. With the subject letter the NRC withdrew violation 2011-002-01 and sustained violation 2011-002-02.

USEC's response to NOV 2011-002-02 that cited USEC for failure to comply with NRC requirements on February 4, 2011, when the NRC was not notified of an unplanned contamination event in accordance with 10 CFR 76.120 is provided in Enclosure 1.

If you have any questions regarding this submittal, please contact Vernon Shanks at (270) 441-6039.

Sincerely,

A handwritten signature in black ink, appearing to read 'James D. Lewis', written in a cursive style.

James D. Lewis, General Manager
Paducah Gaseous Diffusion Plant

JDL:MLB:DCS:mcl

Enclosures: As Stated

cc: NRC Regional Administrator, Region II
NRC Senior Resident Inspector, PGDP

United States Enrichment Corporation
Paducah Gaseous Diffusion Plant
P.O. Box 1410, Paducah, KY 42002

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**UNITED STATES ENRICHMENT CORPORATION (USEC)
REPLY TO NOTICE OF VIOLATION (NOV) 70-7001/2011-002-02**

Restatement of Violation

“10 CFR Part 76.120(c) states, in part, that the Corporation shall notify the NRC within 24 hours after the discovery of a unplanned contamination event that requires access to the contaminated area, by workers or the public, to be restricted for more than 24 hours by imposing additional radiological controls, involves a quantity of material greater than five times the lowest annual limit on intake specified in appendix B of 10 CFR part 20 for the material, and causes access to the contaminated area to be restricted for any reason other than to allow isotopes with a half-life of less than 24 hours to decay prior to decontamination.

Contrary to the above, on February 4, 2011, the licensee certificate holder failed to notify the NRC within 24 hours following an unplanned contamination event in the withdrawal room in Building C-310 that required access to the contaminated area by workers to be restricted for more than 24 hours by imposing additional radiological controls, involved a quantity of material greater than five times the lowest annual limit on intake specified in appendix B of 10 CFR Part 20 for the material; and caused access to the contaminated area to be restricted for reasons other than to allow isotopes with a half-life of less than 24 hours to decay prior to decontamination.”

This is a Severity Level IV violation. (Enforcement Policy 6.9d) VIO 70-7001/2011-002-02.

I. USEC Response

USEC has reviewed the NRC’s response dated August 31, 2011, and understands the NRC’s position in regards to this matter.

II. Corrective Actions Taken

Guidance provided to the PSS related to reporting under this specific criterion was revised to require evaluation for reporting of events that result in a spread of contamination, additional radiological controls, and that can’t be restored to initial radiological conditions within 24 hours, regardless of the source of the contamination.

III. Corrective Actions to be Taken

None

IV. Date of Full Compliance

Compliance was achieved with the guidance provided to the PSS that events that result in a spread of contamination, additional radiological controls, and that can’t be restored to initial radiological conditions within 24 hours, regardless of the source of the contamination, will be evaluated for reporting under 10 CFR 76.120.

List of Commitments

NOV 2011-002-02

No commitments