

DOCKET NUMBER: 70-7002

CERTIFICATE NUMBER: GDP-2

CERTIFICATE HOLDER: United States Enrichment Corporation
Portsmouth Gaseous Diffusion Plant
Piketon, Ohio

SUBJECT: COMPLIANCE EVALUATION REPORT FOR CERTIFICATE
AMENDMENT REQUEST REGARDING MODIFICATION TO
TECHNICAL SAFETY REQUIREMENTS SECTION 2.8,
PORTSMOUTH GASEOUS DIFFUSION PLANT (TAC
NO. L32732)

1.0 BACKGROUND

By letter dated August 10, 2009 (Agencywide Documents Access and Management System [ADAMS] Accession No. ML092240062), the United States Enrichment Corporation (USEC) submitted a certificate amendment request (CAR) requesting a modification to Portsmouth Gaseous Diffusion Plant (PORTS) Technical Safety Requirements (TSRs) Section 2.8, Specific TSRs for Miscellaneous Facilities.

2.0 PROPOSED CHANGES

With the approval of this CAR, USEC would be able to modify PORTS TSRs Section 2.8, Specific TSRs for Miscellaneous Facilities. The proposed change would allow the planned de-lease of building X-760 from the PORTS to the U.S. Department of Energy (DOE). Building X-760 is designated as the "Chemical Engineering Building". Specifically, the descriptive title for TSRs Section 2.8 will be revised to remove the reference to the X-760 Facility.

The current title for TSR 2.8 reads as follows:

"Specific TSRs for Miscellaneous Facilities (X-700, X-710, X-720, X-760, XT-847)"

The revised title for TSR 2.8 will read as follows:

"Specific TSRs for Miscellaneous Facilities (X-700, X-710, X-720, XT-847)"

3.0 REGULATORY REQUIREMENTS

Title 10, Section 76.45, "Application for Amendment of Certificate," of the *Code of Federal Regulations* (10 CFR) 76.45 states, in part, that "the Corporation may at any time apply for an amendment of the certificate to cover proposed new or modified activities," and 10 CFR 76.87(d) states, in part, that the TSR must include an evaluation of the proposed changes encompassing, at a minimum, the following categories: (1) safety limits; (2) limiting control settings; (3) limiting conditions for operation; (4) design features; (5) surveillance requirement; and (6) administrative controls. As the requested amendment would require a change in a TSR, USEC must obtain approval of the change from the U.S. Nuclear Regulatory Commission (NRC).

4.0 DISCUSSION

Via e-mail on August 17, 2009 (ADAMS Accession Number ML092290655), the staff acknowledged the receipt and the acceptance for review regarding this CAR. Because USEC requested an expedited review, the staff included a request for additional information (RAI) as part of its acknowledgement in the August 17, 2009, e-mail. The USEC's response to the staff's request was received on August 18, 2009 (ADAMS Accession Number ML092330448).

While the staff considered this CAR to be administrative in nature, in order to ensure that public health and safety would be adequately protected, the staff reviewed the proposed action and assessed whether the potential hazards that took place within this building had been adequately evaluated by USEC.

Within this CAR, USEC stated that there are no solid deposits of UO_2F_2/UF_4 . In its response to the August 17, 2009, RAI, USEC clarified that there are no deposits created as a result of certificated operation, because all of the equipment utilized in the certificated activities has been removed. However, until additional analysis determines the quantity of U-235 remaining in the facility as a result of the legacy operations (Pre-USEC), the criticality accident alarm system (CAAS) will remain in operation, and the responsibility for CAAS will shift to from USEC to DOE when X-760 Facility is de-leased.

5.0 ENVIRONMENTAL REVIEW

Issuance of the requested amendment to Certificate of Compliance for GDP-2 is subject to the categorical exclusion provided in 10 CFR 51.22(c)(19) and will not have a significant impact on the human environment. Therefore, in accordance with 10 CFR 51.22.b, the proposed action requires neither an environmental assessment nor an environmental impact statement.

6.0 CONCLUSION

Based on the review and evaluation of the information provided by USEC in its CAR dated August 10, 2009, as supplemented by the USEC response to the staff's RAI dated August 17, 2009, the staff considers that adequate protection of public health and safety is maintained in granting this CAR. Accordingly, the staff finds the revision in removing the reference to building X-760 from TSRs Section 2.8 acceptable.

Principal Contributor

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