

U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF AMENDMENT TO  
CERTIFICATE OF COMPLIANCE GDP-1 FOR  
THE U.S. ENRICHMENT CORPORATION  
PADUCAH GASEOUS DIFFUSION PLANT  
PADUCAH, KENTUCKY  
DOCKET 70-7001

The Director, Office of Nuclear Material Safety and Safeguards, has made a determination that the following amendment request is not significant in accordance with 10 CFR 76.45. In making that determination the staff concluded that: (1) there is no change in the types or significant increase in the amounts of any effluents that may be released offsite; (2) there is no significant increase in individual or cumulative occupational radiation exposure; (3) there is no significant construction impact; (4) there is no significant increase in the potential for, or radiological or chemical consequences from, previously analyzed accidents; (5) the proposed changes do not result in the possibility of a new or different kind of accident; (6) there is no significant reduction in any margin of safety; and (7) the proposed changes will not result in an overall decrease in the effectiveness of the plant's safety, safeguards or security programs. The basis for this determination for the amendment request is shown below.

The NRC staff has reviewed the certificate amendment application and concluded that it provides reasonable assurance of adequate safety, safeguards, and security, and compliance with NRC requirements. Therefore, the Director, Office of Nuclear Material Safety and Safeguards, is prepared to issue an amendment to the Certificate of Compliance for the Paducah Gaseous Diffusion Plant. The staff has prepared a Compliance Evaluation

Report which provides details of the staff's evaluation.

The NRC staff has determined that this amendment satisfies the criteria for a categorical exclusion in accordance with 10 CFR 51.22. Therefore, pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared for this amendment.

USEC or any person whose interest may be affected may file a petition, not exceeding 30 pages, requesting review of the Director's Decision. The petition must be filed with the Commission not later than 15 days after publication of this Federal Register Notice. A petition for review of the Director's Decision shall set forth with particularity the interest of the petitioner and how that interest may be affected by the results of the Decision. The petition should specifically explain the reasons why review of the Decision should be permitted with particular reference to the following factors: (1) the interest of the petitioner; (2) how that interest may be affected by the Decision, including the reasons why the petitioner should be permitted a review of the Decision; and (3) the petitioner's areas of concern about the activity that is the subject matter of the Decision. Any person described in this paragraph (USEC or any person who filed a petition) may file a response to any petition for review, not to exceed 30 pages, within 10 days after filing of the petition. If no petition is received within the designated 15-day period, the Director will issue the final amendment to the Certificate of Compliance without further delay. If a petition for review is received, the Decision on the amendment application will become final in 60 days, unless the Commission grants the petition for review or otherwise acts within 60 days after

publication of this Federal Register Notice.

A petition for review must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, Attention: Rulemaking and Adjudications Staff, or may be delivered to the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW, Washington, DC, by the above date.

For further details with respect to the action see: (1) the application for amendment and (2) the Commission's Compliance Evaluation Report. These items are available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW, Washington, DC, and at the Local Public Document Room.

Date of amendment request: March 31, 1997

Brief description of amendment: The amendment, in accordance with a commitment made in the USEC certificate application, changes the administrative Technical Safety Requirement (TSR) that limits the working hours of facility staff who perform safety functions.

Basis for finding of no significance:

1. The proposed amendment will not result in a change in the types or significant increase in the amounts of any effluents that may be released offsite.

Limiting working hours of facility staff who perform safety functions may enhance safety by reducing occupational stresses and burdens on facility staff who perform safety functions. Therefore, this TSR amendment will not result in an increase in the amounts of effluents that may be released offsite or result in any impact to the environment.

2. The proposed amendment will not result in a significant increase in individual or cumulative occupational radiation exposure.

The proposed reductions in overtime limits, will not increase individual or cumulative occupational radiation exposure.

3. The proposed amendment will not result in a significant construction impact.

The proposed changes will not result in any construction, therefore, there will be no construction impacts.

4. The proposed amendment will not result in a significant increase in the potential for, or radiological or chemical consequences from, previously analyzed accidents.

The proposed change involves revision of the hours of work TSR to establish more restrictive limitations than the current TSR. As such, these changes do not represent an increase in the potential for, or radiological or chemical consequences from, previously analyzed accidents.

5. The proposed amendment will not result in the possibility of a new or different kind of accident.

The proposed changes will not result in the possibility of a new or different kind of accident. In fact, the reductions in overtime limits described in the assessment of criterion 1, may enhance safety by reducing occupational stresses and burdens on facility staff who perform safety functions.

6. The proposed amendment will not result in a significant reduction in any margin of safety.

The proposed changes, more restrictive work hour controls, will not reduce the margin of safety as defined in the Technical Safety Requirement. The change is needed to minimize the potential for adverse effects which may be associated with excessive work hours.

7. The proposed amendment will not result in an overall decrease in the effectiveness of the plant's safety, safeguards or security programs.

Reduction in limits to overtime would not result in a decrease in the overall effectiveness of the plant's safety program. The staff has also not identified any safeguards or security related implications from the proposed amendment. Therefore, reducing the

limits on overtime will not result in an overall decrease in the effectiveness of the plant's safety, safeguards, or security programs.

Effective date: The amendment to Certificate of Compliance GDP-1 becomes effective 30 days after being signed by the Director, Office of Nuclear Material Safety and Safeguards.

Certificate of Compliance No. GDP-1: Amendment will revise the Technical Safety Requirement on overtime.

Local Public Document Room location: Paducah Public Library, 555 Washington Street, Paducah, Kentucky 42003.

Dated at Rockville, Maryland, this 5 day of June 1997.

FOR THE NUCLEAR REGULATORY COMMISSION

(Original signed by)  
Carl J. Paperiello, Director  
Office of Nuclear Material Safety  
and Safeguards

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