

**From:** Yawar Faraz **ML040210495**  
**T0:** Graham Mitchell  
**Date:** 1/12/04 10:33AM  
**Subject:** Re: Ohio EPA comments on USEC Lead Cascade EA

Mr. Mitchell;

I am responding to your comments below.

1. The security features of the Lead Cascade, which is to be housed in an existing DOE Gas Centrifuge Enrichment Plant (GCEP) building, will not have any significant new environmental impacts. The "security zone" would essentially be the same as that for the existing GCEP building. The GCEP building, which is now under DOE regulatory oversight, will continue to be protected because it contains classified equipment. After regulatory oversight for the Lead Cascade transitions from DOE to NRC (anticipated to occur in mid-2005), USEC will be required to continue protecting classified equipment and information associated with the Lead Cascade according to an NRC-approved plan.

2. With regard to your second comment, NRC agrees that wastes must be properly managed by the applicant, in accordance with local, state and federal regulations. The applicant has committed to acceptable waste management practices, which are subject to DOE and NRC oversight.

I hope this helps. Please call me if you have any questions.

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>>> "Graham Mitchell" <[Graham.Mitchell@epa.state.oh.us](mailto:Graham.Mitchell@epa.state.oh.us)> 01/08/04 04:57PM >>>  
David Brown,

Thanks for your calls and information on the EA for the USEC Lead Cascade at Portsmouth. We have limited comments on this EA due to the fact that the existing buildings and facilities were designed and constructed just for the purpose of centrifuge uranium enrichment. Ohio EPA's comments on this EA are listed below:

1. What will be the security impacts that this project will have on the rest of the site? USEC will have to establish some sort of security zone around the centrifuge buildings. How large will this area be and will this have any impacts on other USEC, DOE, or UDS activities at the site such as waste management, site cleanup and restoration, depleted uranium hexafluoride conversion, and potential future industrial reuse?

2. As a general concern, Ohio EPA expects that all waste generated by the lead cascade process be properly managed in compliance with Ohio laws and rules.

Please contact me if you have any questions. Thanks.

Graham E. Mitchell  
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