

July 8, 2004

MEMORANDUM TO: Joseph G. Giitter, Chief  
Special Projects Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

THRU: Brian W. Smith, Chief /RA/  
Gas Centrifuge Facility Licensing Section  
Special Projects Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

FROM: Yawar H. Faraz, Senior Project Manager /RA/  
Gas Centrifuge Facility Licensing Section  
Special Projects Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

SUBJECT: JUNE 23, 2004, MEETING SUMMARY: MEETING WITH LOCAL  
OFFICIALS RELATED TO USEC INC.'S PROPOSED ENRICHMENT  
PLANT IN PIKETON, OHIO

On June 23, 2004, U.S. Nuclear Regulatory Commission (NRC) staff met with local elected and union officials from Pike County, Ohio, and representatives of Governor Taft and Congressman Portman of Ohio, to discuss the NRC licensing process applicable to the USEC Inc. gas centrifuge enrichment plant proposed to be located in Pike County in Piketon, Ohio. I am attaching the meeting summary for your use. This summary contains no proprietary or classified information.

Docket: 70-7004

Attachment: Meeting Summary

cc: William Szymanski/DOE	Michael Marriotte/NIRS
Dan Minter/SODI	Carol O'Claire/Ohio EMA
James Curtiss/W&S	Randall DeVault/DOE
Rod Krich/LES	Peter Miner/USEC Inc.
Bob Taft/Governor, Ohio	Mike DeWine/Senator, Ohio
Bob Ney/Congressman, Ohio	Rob Portman/Congressman, Ohio
George Voinovich/Senator, Ohio	Rocky Brown, Mayor of Beaver
Billy Spencer, Mayor of Piketon	Jim Brushart, Pike Co. Comm. Chair.
Harry Rioer, Pike Co. Commissioner	Teddy West, Scioto Twp. Trustee
Larry Scaggs, Seal Twp. Trustee	Ted Wheeler, Pike County Auditor
Blaine Beekman, Pike Co. CoC Chair.	Kara Willis, Gov. Taft's Reg. 7 office
Dan Minter, PACE	Mary Glasgow, Cong. Portman
Garry Hager, SPFPA/USEC	

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## Meeting Summary

Date: June 23, 2004

Place: Piketon, Ohio

Attendees: Rocky Brown/Mayor of Beaver  
Billy Spencer/Mayor of Piketon  
Jim Brushart/Chm., Pike Co. Board Of Commissioners  
Harry Rider/Pike Co. Commissioner  
Teddy L. West/Scioto Twp. Trustee  
Larry E. Scaggs/Seal Twp. Trustee  
Ted Wheeler/Pike Co. Auditor  
Blaine Beekman/Pike Co. Chambers of Commerce  
Kara Willis/Gov. Taft's Reg. 7 ED Office  
Dan Minter/PACE/SODI/USEC  
Mary Glasgow/Congressman Rob Portman  
Garry Hager/SPFPA/USEC  
M. Blevins/NRC  
C. Cameron/NRC  
S. Lewis/NRC  
M. Delligatti/NRC  
D. McIntyre/NRC  
Y. Faraz/NRC  
B. Smith/NRC  
J. Henson/NRC

### Purpose:

The purpose of the meeting was to discuss with the local officials, the U.S. Nuclear Regulatory Commission (NRC) licensing process applicable to the USEC Inc. (USEC) gas centrifuge uranium enrichment plant proposed to be located in Piketon, Ohio. In the discussions, NRC staff discussed uranium enrichment plant licensing issues, the process for preparing an Environmental Impact Statement (EIS), and the NRC inspection program during construction and operation.

### Discussion:

NRC staff began the meeting with a presentation of the NRC licensing process (see Attachment 1). The proposed USEC project will use gas centrifuge technology to enrich uranium to levels of up to 10 percent U-235. The staff also discussed the nuclear fuel cycle that includes mining, milling, conversion to uranium hexafluoride, enrichment, fuel fabrication, and fuel use in nuclear power plants. A basic description of the gas centrifuge process was also provided.

NRC staff indicated that NRC is an independent Federal agency responsible for ensuring protection of public and worker health and safety in the use of radioactive material. NRC is not a promoter of the proposed project, but rather, an independent agency responsible for

conducting the licensing process to ensure that any licensed plant will possess and use radioactive material in a manner that is safe, secure, and environmentally clean. The staff explained that USEC would not be able to start construction prior to the issuance of the license.

NRC staff then explained the licensing process. USEC is expected to submit a license application in August 2004, and must demonstrate that it will meet the NRC safety requirements, before it would issue a license. The staff explained that the NRC technical review would take up to 18 months to complete and upon completion it would be documented in two key documents, -- a Safety Evaluation Report (SER) and an EIS. A hearing would be required for USEC's application where a panel of three independent NRC administrative judges would hear and rule on safety, security and environmental issues related to the application. Typically, such hearings are held near the proposed site to allow local stakeholders to observe the proceedings. The safety and security hearings, and the environmental hearings, would begin following the completion of the SER and EIS, respectively.

NRC staff also explained that shortly after determining that the application is complete enough that a technical review may be conducted, NRC would offer an opportunity for members of the public to petition to be a party to the hearing. To be admitted to the hearing, petitioners would have to demonstrate standing, that is, that they have an interest in the proceeding in that they could be adversely affected by the proposed activity, and present admissible contentions that are relevant to the proceeding.

NRC staff stated that the licensing process is an open process with all documents and meetings, except for those involving classified and proprietary information, available to the public on NRC's Agency wide Document Access Management System (ADAMS), as well as NRC'S public website. NRC plans to have some of its technical meetings with USEC in the Piketon area so that the public may observe the technical exchanges and ask questions of the staff. In preparation of the EIS, there will be two public meetings held near the proposed site where members of the public can provide input into the environmental review process. The first meeting is the EIS Scoping Meeting that is intended to solicit public input as to matters that need to be considered in the EIS. The second meeting would be held to receive comments on the draft EIS after its issuance.

NRC staff then discussed the NRC's environmental review process. The staff explained the requirements and purpose for preparing an EIS, and that it is a decision-making tool for identifying the environmental costs and benefits of the proposed facility and comparing those impacts against alternatives to the proposed action. The EIS will address environmental resource areas, such as radiological, non-radiological, water use, ecological, and socioeconomic impacts of the project.

NRC staff next provided a discussion on the NRC's inspection program. The inspection program's goal is to ensure that a licensee meets NRC regulatory and license requirements and its commitments in its license application. The inspection program focuses on worker and public safety, the environment, and national security. The general inspection approach is risk-informed and performance-based in that the inspectors focus their efforts on those parts of the plants that have the most significant risk and observe operations as much as possible. The staff explained that NRC inspectors would observe both construction and operational activities. During the construction phase, inspectors will evaluate the construction program to ensure that

the facility is being built in accordance with the license requirements and commitments made in the application. During operations, inspections will be conducted in the areas of radiological and chemical safety, safeguards and security, criticality safety, transportation, waste management, maintenance, training, and quality assurance. At this time, a decision has not been made whether a full-time resident inspector would be assigned for this site.

Local officials indicated strong support for the proposed project, stressing their expectation that the plant would be appropriately regulated by the NRC to protect the public and the environment.

Several local officials raised concerns about the closure of Fog Road following the 9/11 attack. The NRC staff was informed that Fog Road had provided the most direct access to residents located east of the plant, via the North access road to Rt. 32. The officials indicated that reopening of this road could save about 15 to 20 minutes for emergency vehicles such as ambulances and fire trucks that may need to service the affected residents. The NRC staff indicated that it would discuss this issue with DOE and USEC.

An official also indicated the importance of permitting guards at the proposed facility to have sufficient training and authority to use weapons for their protection and that of the facility. The NRC staff indicated that USEC would be required to meet NRC's physical security requirements, including measures imposed post 9/11.