

February 28, 2003

MEMORANDUM TO: Richard Barrett, Director  
Division of Engineering  
Office of Nuclear Reactor Regulations

FROM: Robert C. Pierson, Director **/RA/**  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: TECHNICAL ASSISTANCE REQUEST - REVIEW OF  
ELECTRICAL AND INSTRUMENTATION AND CONTROLS  
SECTIONS OF GAS CENTRIFUGE APPLICATIONS

The Special Projects and Inspection Branch (SPIB) requests technical assistance in reviewing the following projects:

Projects: 1. Louisiana Energy Services (LES) Gas Centrifuge Plant  
2. U.S. Enrichment Corporation (USEC) Lead Cascade Plant

Casework/RITS/TAC Nos.: LES: 70-3103/ 201216DA/ To be provided  
USEC: 70-7003030S/ 201216D/ L31979

Requested Action: Review the electrical and instrumentation and controls sections of the applications for two gas centrifuge facilities; the USEC Lead Cascade Gas Centrifuge project and the LES Gas Centrifuge Plant project. Participate in pre-application meetings with the applicants; review the license applications and prepare requests for additional information (RAIs); participate in meetings and conference calls with the applicant; perform site visits, as needed; and prepare Safety Evaluation Reports (SERs), including any licensed conditions. USEC's application was received on February 12, 2003. LES' application is expected by the end of March 2003. The specific schedule for the electrical and instrumentation and control review of USEC's application is as follows:

05/23/03 SER input (1st draft) and RAI preparation  
09/26/03 SER input (2nd draft)  
01/09/04 SER input (final)

The TAC number for LES will be provided after receiving the application. The TAC Nos. should be referenced in future correspondence related to this request and on the RITS Report for recording staff time expended on this effort.

This request has been discussed with Jose Calvo, Chief of the Electrical and Instrumentation and Control Branch.

Please provide the information requested below and return a completed copy to the Licensing Assistant (LA) or Project Managers (PMs).

Name of Reviewer:\_\_\_\_\_

Section Chief Signature:\_\_\_\_\_

Contacts:      PM LES:      Timothy C. Johnson; 415-7299  
                 PM USEC:      Yawar Faraz; 415-8113  
                 LA:              Linda Gross; 415-8129

Docket Nos.: LES    70-3103  
                      USEC 70-7003

B. Richard

- 2 -

This request has been discussed with Jose Calvo, Chief of the Electrical and Instrumentation and Control Branch.

Please provide the information requested below and return a completed copy to the Licensing Assistant (LA) or Project Managers (PMs).

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Docket Nos.: LES 70-3103  
USEC 70-7003

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OFC	SPIB8	SPIB*	SPIB*	SPIB*	SPIB*	FCSS*
NAME	NGarcia	TCJohnson	YFaraz	LGross	JGitter	RPierson
DATE	2/ 27 /03	2 / 27 /03	2 / 27 /03	2 / 27 /03	2 / 27 /03	2 / 28 /03

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