

February 22, 2006

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

THRU: Brian W. Smith, Chief **/RA/**
Gas Centrifuge Facility Licensing Section
Special Projects Branch, FCSS

FROM: Timothy C. Johnson, Project Manager **/RA/**
Gas Centrifuge Facility Licensing Section
Special Projects Branch, FCSS

SUBJECT: FEBRUARY 1, 2006, TELEPHONE SUMMARY: LOUISIANA
ENERGY SERVICES STATUS OF VALIDATION REPORT
UPDATES

On February 1, 2006, the U.S. Nuclear Regulatory Commission (NRC) staff held a telephone conference call with staff from Louisiana Energy Services (LES) to discuss the status of updates to revision 1 of the nuclear criticality safety validation and verification report. I am attaching the telephone summary for your use. No proprietary or classified information was discussed.

Docket: 70-3103

Enclosure: Louisiana Energy Services
Telephone Summary

cc:	Rod Krich/LES	James Curtiss/W&S	James Ferland/LES
	William Szymanski/DOE	Claydean Claiborne/Jal	Peter Miner/USEC
	Monty Newman/Hobbs	Troy Harris/Lovington	Betty Richman/Tatum
	Glen Hackler/Andrews	Lue Ethridge/Lea Cty	John Parker/NMED
	James Brown/Eunice	Richard Ratliff/Texas	M. Marriotte/NIRS
	Jerry Clift/Hartsville	Carol O'Claire/Ohio	Lee Cheney/CNIC
	Derrith Watchman-Moore/NMED	Joseph Malherek/PC	Ron Curry/NMED
	Tannis Fox/NMED	Patricia Madrid/NMAG	Glenn Smith/NMAG
	Lindsay Lovejoy/NIRS	Roger Mulder/Texas	

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OFC	GCFLS	TSG	GCFLS	OGC	GCFLS
NAME	TJohnson:bkh1	HFelsher	LWilliamson	LClark	BSmith
DATE	02/07/06	02/09/06	02/10/06	02/17/06	02/22/06

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Telephone Conference Call Summary

Discussion of Update to Revision 1 to Nuclear Criticality Safety Validation & Verification Report

Date and Time: February 1, 2006; 3:00 PM

Call Participants:	L. Clark/NRC	H. Felsher/NRC	T. Johnson/NRC
	K. Morrissey/NRC	B. Smith/NRC	J. Bonanno/NRC
	D. Green/LES	B. Hubbard/LES	R. Kirch/LES
	G. Seeberger/LES	D. Pepi/LES	J. Curtiss/LES

On February 1, 2006, a conference call between U.S. Nuclear Regulatory Commission (NRC) and Louisiana Energy Services (LES) staffs was held to discuss the status of updates to revision 1 of the nuclear criticality safety (NCS) validation and verification (V&V) report related to LES' application for a uranium enrichment facility proposed to be located in Lea County, New Mexico.

Discussion:

NRC and LES staffs agreed that the V&V report would require another revision to be consistent with the information in the license application and safety evaluation report (SER). LES provided a status update with preliminary findings of attempting to resolve the issues communicated from NRC to LES during the January 27, 2006, teleconference call. LES discussed what preliminary information they found, the expected path forward, and their schedule for making changes to the V&V report.

LES staff discussed the preliminary results of using different benchmark experiments to get a normal distribution of data. LES staff had not yet made a determination exactly how the new information would be used to modify the V&V report to be consistent with the license application (i.e., re-run some calculations, use a qualitative argument).

LES staff provided a qualitative argument for the area of applicability issue with the Contingency Dump System. Based on the discussion, LES staff intends to either re-run some calculations or provide an appropriate qualitative argument for why the k_{eff} limit equation in the license application and SER is still applicable for the facility. Otherwise, LES staff will revise the k_{eff} limit equation in the license application. Either way, LES staff will have to revise the license application and V&V report while NRC will have to revise the SER.

LES and NRC staffs agreed to have an in-office-review in Washington, DC, during the week of February 6, 2006, for NRC to review the proposed revised information. LES staff intends to submit the revised information, following any needed changes based on the in-office-review, to NRC by February 15, 2006.

Enclosure