

February 22, 2005

MEMORANDUM TO: Joseph G. Giitter, 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 3 AND 4, 2005, TELEPHONE SUMMARIES:
LOUISIANA ENERGY SERVICES DISCUSSIONS ON
GEOTECHNICAL ISSUES

On February 3 and 4, 2005, the U.S. Nuclear Regulatory Commission (NRC) staff held telephone conference calls with staff from Louisiana Energy Services (LES) to discuss geotechnical issues related to the LES uranium enrichment plant proposed to be built in Eunice, New Mexico. I am attaching the telephone summaries for your use. No classified or proprietary information was discussed.

Docket: 70-3103

Attachment: Louisiana Energy Services
Telephone Summary

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

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OFC	GCFLS		GCFLS		GCFLS	
NAME	TJohnson:os		LMarshall		BSmith	
DATE	2/22/05		2/22/05		2/22/05	

OFFICIAL RECORD COPY

Telephone Conference Call Summary

Decommissioning Funding

Dates and Times: 3:00 PM; February 3, 2005
4:15 PM; February 4, 2005

Call Participants: B. Smith/NRC
S. Hsiung/CNWRA
G. Harper/Areva
T.C. Johnson/NRC
D. Green/Excel

On February 3 and 4, 2005, conference calls between U.S. Nuclear Regulatory Commission (NRC), Center for Nuclear Waste Regulatory Analyses (CNWRA), and Louisiana Energy Services (LES) staffs were held to discuss geotechnical issues related to LES' application for a uranium enrichment facility proposed to be located in Eunice, New Mexico.

Discussion:

NRC and CNWRA staffs requested additional information regarding the standards that would be used to ensure that liquefaction and ground settlement would be properly evaluated during plant construction. Regarding the liquefaction issue, LES staff indicated that LES would use Regulatory Guide 1.198, "Procedures and Criteria for Assessing Seismic Soil Liquefaction at Nuclear Power Plant Sites," as criteria for evaluating additional soil testing that would be performed as part of plant construction activities. LES staff also noted that because there is no ground water near the site surface, it does not expect any liquefaction problems.

To evaluate soil settlement issues, LES staff indicated that it will confirm the soil bearing pressures using the Naval Facilities Engineering Command Design Manual, NACFAC DM-7.02, "Foundations and Earth Structures." Settlement analyses would be performed in accordance with Naval Facilities Engineering Command Design Manual, NACFAC DM-7.01, "Soil Mechanics."

NRC and CNWRA staff indicated that these would be acceptable standards for addressing liquefaction and soil settlement.