

April 22, 2004

MEMORANDUM TO: Joseph G. Glitter, 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 **/RA/**
Senior Mechanical Systems Engineer
Gas Centrifuge Facility Licensing Section
Special Projects Branch, FCSS

SUBJECT: APRIL 21, 2004, TELEPHONE SUMMARIES: LOUISIANA ENERGY
SERVICES REQUESTS FOR ADDITIONAL INFORMATION

On April 21, 2004, U.S. Nuclear Regulatory Commission (NRC) staff held a telephone conference call with staff from Louisiana Energy Services (LES) to discuss the Requests for Additional Information (RAIs) prepared following review of its application for a uranium enrichment plant. The RAIs discussed related to the Integrated Safety Analysis and criticality areas. These telephone conference calls were intended to clarify several of the RAIs transmitted to LES on April 19, 2004. I am attaching the telephone summary for your use. The summaries contain no proprietary or classified information.

Docket: 70-3103

Attachment: Louisiana Energy Services
Telephone Summaries

cc:	William Szymanski/DOE	Claydean Claiborne/Jal	Rod Krich/Exelon
	Monty Newman/Hobbs	James Curtiss/W&S	Troy Harris/Lovington
	Peter Miner/USEC	Betty Richman/Tatum	James Ferland/LES
	Glen Hackler/Andrews	Dennis Holmberg/Lea Cty	William Floyd/NMED
	James Brown/Eunice	Richard Ratliff/Texas	M. Marriotte/NIRS
	Jerry Clift/Hartsville	CO'Claire/Ohio	Lee Cheney/CNIC
	Derrith Watchman-Moore/NMED	Joseph Malherek/PC	Ron Curry/NMED
	Clay Clark/NMED	Patricia Madrid/NMAG	Glen Smith/NMAG
	Lindsay Lovejoy/NIRS		

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Telephone Conference Call Summary

Criticality Requests for Additional Information

Date and Time: 11:00 AM; April 21, 2004

Call Participants:	H. Felsher/NRC	P. Silva/NRC
	T.C. Johnson/NRC	D. Greene/Excel
	M. Kennedy/Areva	D. Williams/Areva
	B. Hubbard/Areva	

During the conference call, staff discussed Requests for Additional Information (RAIs) in the areas of the Integrated Safety Analysis and criticality with Louisiana Energy Services (LES) personnel.

The four RAI questions discussed were:

1. ISA-42

LES staff asked for clarification on a reference in ISA-42 to ISA-1. Staff indicated that it would check the reference to see if it referred to the correct RAI.

2. ISA-43

LES staff asked for clarification regarding the statement in ISA-43 that references "IROFS25, IROFS27, and eight other NCS IROFS." LES indicated that it appears that "eight other NCS IROFS" should be "seven other NCS IROFS." Staff indicated that it would recount the applicable IROFS.

3. ISA-50

This question refers to the Initiating Event Frequency (IEF) for NCS accident sequences. It appears that the information in the license application (ISA Summary text and the tables) does not clearly indicate how LES determined the IEFs.

In the conference call, LES stated that it used the approach discussed at the February 26, 2004, meeting with staff. In this approach, LES first determined the frequency of the initiating event and followed the progression through the event scenario. LES did not determine initiating event frequencies based on the frequency of the scenario consequences. LES indicated that it would review the tables cited in ISA-50 and clarify its IEF approach.

4. ISA-62

This question refers to the technical basis for demonstrating that Administrative Control IROFS will meet the performance requirements of 10 CFR 70.61. LES staff indicated that it did not understand what is needed to respond to the question. Staff indicated that it would check with the reviewer of this RAI and clarify what is needed.