



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20155-0001

Docket No. 70-3070

MAR 3 1994

Mr. Peter G. LeRoy
Licensing Manager
Louisiana Energy Services
c/o Duke Engineering & Services, Inc.
P.O. Box 1004
Charlotte, NC 28201-1004

Dear Mr. LeRoy:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION

This concerns the Draft Environmental Impact Statement (DEIS) issued in November 1993 and the Safety Evaluation Report (SER) issued in January 1994. In reviewing the comments received on the DEIS, we have identified areas where additional information or clarifications in your Environmental Report are necessary to finalize the EIS. We also have a few follow-up questions related to the SER. The enclosed Request for Additional Information identifies those areas where additional information is requested. We request that you provide the information by March 31, 1994; a quicker response will minimize potential impact on the schedule for completion of the Final EIS.

Also, you may wish to provide any additional information you believe is appropriate with respect to the public comments on the DEIS. In particular, we direct your attention to the areas of tails disposition, waste disposal, need for the facility, and environmental justice.

We note that your comments on the DEIS dated January 24, 1994, included changes and clarifications to your Environmental Report. All such changes should be submitted by March 31, 1994, to avoid impact on the schedule.

With respect to criticality monitoring, the SER (Section 9.3.15) concludes that monitors should be installed in all enriched uranium handling and storage areas, and notes your commitment to install such monitors in accordance with 10 CFR Section 70.24. You had previously requested an exemption from this requirement, which we do not believe is justified because it was based on the low risk of a criticality event in areas where significant quantities of enriched uranium will be present. Section 70.24 assumes that a criticality event is unlikely, but that nevertheless monitoring should be provided. You have indicated that you might submit a modified exemption request. If so, our primary consideration in reviewing the request will be whether significant quantities of enriched uranium are expected to be present in various areas to be monitored.

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Mr. Peter LeRoy

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We are available to meet or answer any questions you may have on this request. If you have any questions, please contact Lidia Roché (301 504-2695) or Merri Horn (301 504-2606).

Sincerely,

Original Signed By
 John W. N. Hickey, Chief
 Enrichment Branch
 Division of Fuel Cycle Safety
 and Safeguards, NMSS

Enclosure: Request for Additional Information

cc: Attached list

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✓ NRC F/C PDR/LPDR
 M Vasquez, RIV Y Faraz, FCEB
 FCEB r/f NMSS r/f
 FCSS r/f

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|------|----------|---|----------|---|--------|---|--------|---|---------|---|
| OFC | FCEB | E | FCEB | E | OFC | N | FCEB | E | FCEB | E |
| NAME | MHorn/hj | | L. Roché | | Holler | | Martin | | JHickey | |
| DATE | 3/1/94 | | 3/3/94 | | 3/1/94 | | 3/2/94 | | 3/3/94 | |

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Request for Additional Information

1. Revise ER Figure 6.2-1 and Proposed License Conditions (PLC) Figure 5.2-1 to reflect correct sampling locations.
2. Revise ER Figure 6.2-2 to reflect the sampling locations described in the PLC and the ER text.
3. Revise ER Tables 6.1-3 and 6.2-1 so that they are consistent with the PLC. For example, sediment samples will not be composited as described in these tables. Also, revise the ER text as appropriate for consistency with the PLC.
4. Revise ER p 6.1-3 to indicate your intent to monitor "representative" wells versus all existing wells. See comment on DEIS p 5-12. Explain what is meant by "representative".
5. The comment, from LES's DEIS comments, in Attachment B, Page 2, 2nd comment referring to DEIS p xxiii appears to be incomplete.
6. Submit revised ER Table 4.1-2 to reflect revised employment figures as indicated in your comments on the DEIS. What is the basis for these revised figures? Explain how these changes affect Claiborne Parish and 24-Parish labor pool expenditures on wages, taxes, and goods and services. Provide any other cost/schedule changes that have been made and their associated effects.
7. Update the status of permits, certifications, etc. in Chapter 9 of the ER. Be sure to include the status of the liquid effluent discharge permits, certification under Section 401 (a)(1) of the Clean Water Act, and National Emission Standards for Hazardous Air Pollutants (NESHAP) approval. Discuss any issues with the permits and any resolutions that have been reached.
8. There are some doubts stated by commenters regarding the authority of the Claiborne Parish Jury to relocate Parish Road 39. Provide information to indicate whether the jury has the authority to relocate the road.
9. Discuss your plans regarding the use of chlorinated fluorocarbons (CFCs). Provide information on the likely replacements for the CFCs that were to be used as refrigerants and solvents (R-11, R-13, R-22, and R-113). Discuss the differences of the substitutes as compared to the CFCs. Describe the associated potential impacts on plant design and the environment and the occupational hazards associated with each of the substitutes. Provide an estimate of the potential releases.
10. In Section 2.5.3 of the SER (NUREG-1491), the NRC staff recommends that the Poisson ratio values calculated from the geophysical surveys not be used (see SER pgs 2-36, 2-44, and 2-45). Please provide your response to this recommendation, and discuss how it will be taken into account in future plant design.

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Mr. Peter LeRoy

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 MVasquez, RIV YFaraz, FCEB
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| OFC | FCEB | E | FCEB | E | O&C | N | FCEB | E | FCEB | E |
| NAME | MHorn/ij | | L.Rochè | | Holler | | Martin | | JHickey | |
| DATE | 3/11/94 | | 3/3/94 | | 3/1/94 | | 3/2/94 | | 3/3/94 | |

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