

September 30, 2008

Mr. Stephen Cowne
Director, Quality and Regulatory Affairs
Louisiana Energy Services, LLC
National Enrichment Facility
PO Box 1789
Eunice, New Mexico 88231

SUBJECT: LOUISIANA ENERGY SERVICES - REVIEW OF THE 10 CFR 70.72 SUMMARY
OF CHANGES (TAC NO. L32415)

Dear Mr. Cowne:

In letters dated January 30, 2008 and March 31, 2008, Louisiana Energy Services, LLC (LES) submitted a brief summary of changes to the records made without prior U.S. Nuclear Regulatory Commission (NRC) approval, in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 70.72(c). The NRC staff selected a sampling of changes from your summary for detailed review to determine whether any of those changes were potentially safety significant. As a result of our review, we requested, in a letter dated July 29, 2008, that LES provide the facility change packages for each of those changes.

In your correspondence dated August 20, 2008, you provided us with the requested facility change packages. We did not complete our review of facility change package 2006-0069 as the package has unresolved items and the evaluation is not complete. We also note that facility change package 2007-0077 has not been closed out (Section 7 of the configuration change form).

For the remaining facility change packages, our review determined that the changes were appropriately made in accordance with the requirements of 10 CFR 70.72 and that prior NRC approval of these changes was not required. The results from our review of the facility change packages are documented in the Enclosure. We have no further questions at this time however, an inspection may be performed at a future date, in accordance with our inspection schedule.

In future submittals of annual 10 CFR 70.72 internally authorized changes, we recommend that you continue to include: (1) a description of the change, along with citations to the appropriate licensing basis documents; (2) the reasons why the change was made; and (3) why the change did not require pre-approval. This will facilitate a more expedited, risk-informed review.

In accordance with 10 CFR 2.390 of the NRCs Rules of Practice, a copy of this letter will be available electronically from the Publicly Available Records component of NRC Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

/RA/

Breeda Reilly, Senior Project Manager
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-3103
License No.: SNM-2010

Enclosure: Review of Selected LES Facility Change Evaluations

cc:	William Szymanski/DOE	Alton Dunn/Jal	Lindsay Lovejoy/NIRS
	Gary Don Reagan/Hobbs	Daniel Stenger/H&H	David Trujillo/Lovington
	Betty Richman/Tatum	Reinhard Hinterreither/LES	Gregory Smith/LES
	Glen Hackler/Andrews	Gary Schubert/Lea Cty	John Parker/NMED
	Matt White/Eunice	Richard Ratliff/Texas	M. Marriotte/NIRS
	CO'Claire/Ohio	Lee Cheney/CNIC	Cindy Padilla/NMED
	Joseph Malherek/PC	Ron Curry/NMED	Jon Goldstein/NMED
	Tannis Fox/NMED	Patricia Madrid/NMAG	Glen Smith/NMAG
	Roger Mulder/Texas	Clint Williamson/LES	

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Review of Selected LES Facility Change Evaluations

Review of LES Facility Change Evaluation Facility Change Package: 2006-0069 CC-EG-2006-0033

Short Description: Security System UPS and Diesel Generator
Screening: Eliminate need for additional IROFS due to placement

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61?
YES NO To be determined (TBD)

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO

Does the change alter any sole IROFS? YES NO

Is the change prohibited by other regulations? YES NO

Conclusion

The staff reviewed this facility change package. Comments from Scott Tyler, fire protection engineer, concerning quantity of fuel, potential for fuel spillage and formulation of a fire that might exceed 80% of the one hour fire rating of the IROFS 35 (fire barriers) have not been addressed. However, the package has open items and is not completed. Given that the package has not been closed out, the staff cannot complete its review. Recommend referring the package to Region II for followup.

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0104
CC-EG-2007-0085**

Short description: Modification to Facility Water Feed
Screening: License describes two independent supply lines

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion

Change in water supply arrangement and water supplied from new well owned by LES will result in maintaining sufficient water for fire protection of 163,000 gallons as compared to 125,000 gallons approved in staff SER. We note that this change was approved prior to the water balance change which established 180,000 gallons of water for fire protection.

Staff reviewed the facility change package and concludes it complies with 10 CFR 70.72.

Note: Related to a change to the environmental report (ER), LES self-identified that EN-103, the review related to changes in the ER, could not be found at the time of the RAI response.

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0075
CC-EG-2007-0061**

Short description: Removal of heat trace from diesel backup power
Screening: Not initiator or contributor to any accident sequence

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion

Staff reviewed the facility change package and concludes it complies with 10 CFR 70.72.

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0077
CC-EG-2007-0056**

Short description: Additional security doors for SBM-1001

Screen criteria: Evaluation of affect on IROFS EE-SEISMIC-2 (seismic) and IROFS41 (building leak integrity)

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion

Staff reviewed the package, but based on page 4, this package has not been closed out. Recommend follow-up by Region.

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0273
CC-EG-2007-0232**

Short description: Revised calculation "water balance"

Screen criteria: Design basis calculation

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion

Fire water supply has been increased from 125,000 gallons (approved in staff SER) to 180,000 gallons due to a recalculation of plant water requirements.

The staff has reviewed Facility Change Package: 2007-0244 and concludes it complies with 10 CFR 70.72.

Note: Related to a change to the ER, LES self-identified that EN-103 could not be found at the time of the RAI response

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0195
CC-EG-2007-0073**

Note:

LES also submitted EG-DCR-2008-011. (Change in the refrigerant selected)

Short description: Change from chilled water to stand-alone units using refrigerant

Screen criteria: ISA Tables 3.7-2 and 3.8-1 were reviewed

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion:

Staff reviewed this facility change package and concludes that it complies with 10 CFR 70.72.

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0208
CC-EG-2007-0226**

Short description: Quality assurance program description

Screen criteria: Clarify definitions of QL-1 and QL-2

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion:

Staff reviewed this facility change package and concludes that it complies with 10 CFR 70.72.

**Review of LES Facility Change Evaluation
Facility Change Package: 2007-0244
CC-EG-2007-0189**

Short description: Temperature sensors

Screen criteria: Measure necessary temperatures for IROFS 1, 4, and C16

Findings

Does the change create a new type of accident sequence that, unless mitigated or prevented, would exceed the performance requirements of 70.61? YES NO X

Does the change use new processes, technologies, or control systems for which the licensee has no prior experience? YES NO X

Does the change remove an item relied on for safety (IROFS) without equivalent replacement of the safety function? YES NO X

Does the change alter any sole IROFS? YES NO X

Is the change prohibited by other regulations? YES NO X

Conclusion:

The staff has reviewed Facility Change Package: 2007-0244 and concludes that the facility change evaluation demonstrates compliance with 10 CFR 70.72. Note: Related to an emergency plan change, LES self-identified that EP-120, the 10 CFR 70.32(i)/10 CFR 40.35(f) change evaluation, could not be found at the time of the request for additional information (RAI) response.