



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

February 19, 2015

Gary J. Laughlin, Chief Nuclear Officer
and Head of Operations
URENCO USA
P.O. Box 1789
Eunice, NM 88231

SUBJECT: LOUISIANA ENERGY SERVICES, L.L.C., URENCO USA FACILITY, DOCKET
NUMBER 70-3103, URANIUM BYPRODUCT CYLINDER STORAGE PAD CRANE
AUTHORIZATION

Dear Mr. Laughlin:

By this letter and verbal authorization provided on February 10, 2015, the U.S. Nuclear Regulatory Commission (NRC) authorizes, for use with non-enriched uranic material, the Uranium Byproduct Cylinder (UBC) Storage Pad Crane at the Louisiana Energy Services (LES), URENCO USA Facility located in Eunice, New Mexico. This authorization is pursuant to the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70, Paragraph 70.32(k) and 10 CFR 40.41(g) which state, "No person may commence operation of a uranium enrichment facility until the Commission verifies through inspection that the facility has been constructed in accordance with the requirements of the license."

This NRC authorization is based on the results of construction and operational readiness inspections of various aspects of the UBC Storage Pad Crane as described in the inspection reports listed in the enclosure to this letter (Enclosure). The NRC staff determined that the systems, structures, and components designed to support safe operation of the UBC Storage Pad Crane for non-enriched uranic material were constructed in accordance with the requirements of your license. Specifically, our inspections provided: (1) reasonable assurance that the design, construction, and implementation of items relied on for safety (IROFS) will protect against natural phenomena and the consequences of potential accidents, and (2) verification that the construction and testing of IROFS were completed in accordance with the documents comprising the license and the Integrated Safety Analysis.

The NRC inspection activities performed in 2015 will be described in Inspection Report 70-3103/2015-002 which will be issued no later than April 30, 2015. During the 2015 operational readiness inspection of the UBC Storage Pad Crane, no violations of NRC requirements were identified.

The publicly available inspection reports that describe the construction and quality assurance inspections of the UBC Storage Pad Crane are accessible through the NRC's Public Document Room, or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS) at <http://www.nrc.gov/reading-rm/adams.htm> using the accession numbers listed in the Enclosure.

Please note that this authorization does not apply to any area other than the UBC Storage Pad and it only applies to the use of non-enriched uranic material. In addition, this authorization does not apply to any other facility operations not previously authorized. In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," this document may be accessed through ADAMS on the internet at www.nrc.gov/reading-rm/adams.htm.

Should you have any questions concerning this letter, please contact Mr. James A. Hickey at 404-997-4628.

Sincerely,

/RA/

Mark S. Lesser, Director
Division of Fuel Facility Inspection

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

Enclosure:
Construction and Quality Assurance Inspection
Reports for the Uranium Byproduct Cylinder Storage Pad Crane

cc: (See page 3)

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cc: (See page 3)

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PUBLIC

☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE
ADAMS: ☒ Yes ACCESSION NUMBER: ML15050A282 ☒ SUNSI REVIEW COMPLETE ☒ FORM 665 ATTACHED

OFFICE	RII:DFFI	RII:DFFI	NMSS	RII: DCP		
SIGNATURE	/RA/	/RA/	/RA/	/RA/		
NAME	LPitts	JHickey	BSmith	WJones		
DATE	2/ 10 /2015	2/ 10 /2015	2/10/2015	2/ 10 /2015	2/ /2015	2/ /2015
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY
AUTHORIZATION.DOCX

DOCUMENT NAME: G:\DFFI\PROJECTS BRANCH 1\LES - URENCO\UBC CRANE

cc:

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**Construction and Quality Assurance Inspection Reports for the Uranium Byproduct
Cylinder Storage Pad Crane**

Inspection Report Number	ADAMS Accession Number
2014-005	ML15029A031
2015-002	Pending

Enclosure