



LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL COMPLIANCE
RADIATION LICENSING
P.O. BOX 4312
BATON ROUGE, LOUISIANA 70821-4312

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Louisiana Environmental Quality Act (Louisiana Revised Statutes 30:2101 et seq.) and the Louisiana Radiation Regulations, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in the Louisiana Revised Statutes 30:2105 of the Louisiana Nuclear Energy and Radiation Control Law, and is subject to all applicable rules, regulations, and orders of the Department now or hereinafter in effect, including the Louisiana Radiation Regulations (LAC 33:XV) and to any condition specified in the license.

LICENSEE Shell Offshore, Inc. 701 Poydras, OSS 3420 New Orleans, Louisiana 70139 Attention: Joyce Davis Radiation Safety Officer	LICENSE NUMBER LA-8061-L01	EXPIRATION DATE June 30, 2019
	PREVIOUS AMENDMENTS ARE VOID AMENDMENT NUMBER 13	AI NUMBER 12691
	THIS LICENSE ISSUED PURSUANT TO AND IN ACCORDANCE WITH Full Submittal SIGNED BY: Joyce Davis DATE: May 19, 2014	

RADIOISOTOPE		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE*	SEALED SOURCE IDENTIFICATION CHEMICAL FORM—PHYSICAL STATE	STORAGE CONTAINER OR EXPOSURE DEVICE	AUTHORIZED USE
ELEMENT	MASS NO.					
Cs	137	100	10 μ Ci	Capsules		Radioactive Markers for Downhole Mud Logging

1. A. Radioactive material shall be stored at:

Shell Offshore Inc-Morgan City Terminal
1750 Young Road
Morgan City, Louisiana 70380

AI No. 4869

Shell Offshore, Inc.
701 Poydras Street
New Orleans, Louisiana 70139

AI.No 12691

B. Radioactive material shall be used only at temporary jobsites of the licensee, in areas **not** under exclusive Federal jurisdiction, throughout the State of Louisiana. Prior to operation at temporary jobsites, the licensee shall comply with applicable provisions of other regulations of the Department of Environmental Quality, and obtain all applicable state and local permits.

C. This condition does not prohibit use in other Agreement States and states under the jurisdiction of the U.S. Nuclear Regulatory Commission under reciprocity procedures which may be established by an Agreement State or the U.S. Nuclear Regulatory Commission.

*pCi-picocurie; μ Ci-Microcurie; mCi-Millicurie; Ci-Curie

Cheryl Sonnier Nolan
Assistant Secretary

DATE

10 July 2014

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2. Radioactive material contained in the radiomarkers shall be used by individuals who have received specific instructions in the handling of the radiomarkers, have received training as described in application dated May 26, 2005, and who have been designated by the Radiation Safety Officer of this license.
3. The Radiation Safety Officer for this license is Joyce Davis.
4. Sealed sources containing radioactive material shall not be opened or removed from their respective source holders by the licensee.
5.
 - A. Tests for leakage and/or contamination shall be performed in accordance with LAC 33:XV.2014.
 - B. Leak test samples may be taken using approved leak test kits and procedures specified in the Licensee's application.
6. If, in an emergency, it becomes necessary for the licensee to evacuate the facility at which radioactive material is stored, it shall be the responsibility of the licensee to notify the Office of Environmental Compliance (225) 219-3041 prior to leaving. The licensee shall submit a detailed description of how the storage location was secured prior to leaving and the licensee's temporary address, phone number(s) or other means of being contacted. This information shall be kept updated until the licensee is able to return to the licensed storage location.
7. Except as specifically provided otherwise by the license, the licensee shall possess and use radioactive material described in all schedules of this license in accordance with LAC 33:XV and statements, representations, and procedures contained in the licensee's application (complete submission) dated May 19, 2014, and in all subsequent correspondence.

CSN:MB