

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE

NO.: TX333S109U

DATE: April 1973

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SEALED SOURCE TYPE: Oil Well Logging Gamma Source

MODEL: C-73-2

MANUFACTURER/DISTRIBUTOR: Gulf Nuclear, Inc.
202 Medical Center Blvd.
Webster, TX 77598

MANUFACTURER/DISTRIBUTOR:

ISOTOPE: Cesium-137

MAXIMUM ACTIVITY: 2 curies

LEAK TEST FREQUENCY:

PRINCIPAL USE: Oil Well Logging

CUSTOM SOURCE: ☐ YES ☒ NO

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SEALED SOURCE TYPE: Oil Well Logging Gamma Source

DESCRIPTION:

This is a doubly encapsulated stainless steel source that is 0.375 inches in diameter and 1.5 inches long. The cesium is contained in ceramic pellets that are pressed into the inner capsule. Both the inner and outer capsules are heliarc welded and bubble tested for leakage. The outer capsule is also wipe tested for contamination. The end of the outer capsule has a threaded screw fitting. The manufacturer states the source will withstand 20,000 psi at 500°F and gives the source a USASI classification of C-46515.

LABELING:

The source is labeled with the model number and serial number. A tag will be affixed with the wording "Caution-Radioactive Material-Do Not Handle-Notify Civil Authorities if Found".

ISSUING AGENCY:

Texas State Department of Health