

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

NO.: TX333S130U

DATE: April 1981

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SEALED SOURCE TYPE: Radiography Source

MODEL: (b)(2)

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

MANUFACTURER/DISTRIBUTOR:

ISOTOPE: Iridium-192

MAXIMUM ACTIVITY:

(b)(2)

LEAK TEST FREQUENCY:

PRINCIPAL USE: Industrial Radiography

CUSTOM SOURCE: ____ YES __X__ NO

B/10

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SEALED SOURCE TYPE: Radiography Source

DESCRIPTION:

These sources are designed as replacement sources for the St. Louis Testing Model STL-100-Ir exposure device. They are made to the St. Louis Testing Laboratory specifications and the camera must be returned to Gulf Nuclear or the camera manufacturer for source replacement.

The source pellets are singly encapsulated in stainless steel by heliarc welding. Prior to loading the pigtail, it is pull tested with 100 pounds to test the end connections and ball stop. After fabrication, the capsule is vacuum tested and wipe tested for leakage and/or contamination.

Model (b)(2) is the same as Model (b)(2) but has a Radionics type disconnect.

PROTOTYPE TESTING:

Prototype testing indicates the source meets or exceeds USASI classification of C-32515.

ISSUING AGENCY:

Texas State Department of Health