

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

NO. : TX333S111U

DATE: December 1973

PAGE 1 OF 2

SEALED SOURCE TYPE: Industrial 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 NO

Information in this record was deleted in
accordance with the Freedom of Information Act.
Exemptions 2010-0120
FOI/WPA

B/a

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PAGE 2 OF 2

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DESCRIPTION:

This source is designed as a replacement source for Gamma Industries Models "Gamma Century SA" and "Gamma 35 SA" exposure devices. The pigtail has an overall length of 7-5/8" and the capsule is singly encapsulated stainless steel with a minimum wall thickness of 0.030 inch. The capsule is heliarc welded, visually inspected, vacuum leak tested in ethylene glycol, and wipe tested for removable contamination.

LABELING:

A serial number is engraved on the source capsule and a label stating the manufacturer, quantity, date, and type of material is attached to the camera or shipped with the source for affixing to the camera.

PROTOTYPE TESTING:

The manufacturer states that the prototype testing indicates the USASI classification to be C32212.

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE:

This source can be shipped and exchanged using the NEEI Model RC-6C source changer.

ISSUING AGENCY:

Texas State Department of Health