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2/14/86

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

NO: TX333S127S

DATE: FEB 06 1986

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SEALED SOURCE TYPE:

Pipe Line Camera Replacement Sources

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: Six Months

PRINCIPAL USE: Industrial Radiography

CUSTOM SOURCE: _____ YES x _____ NO

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SEALED SOURCE TYPE: Pipe Line Camera Replacement Sources

DESCRIPTION:

These sources are designed as replacement sources for pipe line cameras and the sources must be replaced by the supplier in a hot cell facility. Sealed source Model numbers and the pipe line camera in which they should be installed are listed below.

Source Model Camera Model

(b)(2)

All but the Model (b)(2) source are doubly encapsulated. The Model (b)(2) is a capsule similar to the type the supplier uses for the pigtail sources; however, this source is mounted on a steel fixture to fit the Model 616 camera. All sources are vacuum leak tested and wipe tested prior to installation. The minimum wall thickness is 0.030 inch.

LABELING:

Each source is engraved with the model number followed by the serial number.

PROTOTYPE TESTING:

The manufacturer's prototype testing indicates that the (b)(2) is classified as (b)(2). All other source tests resulted in an ANSI Classification of TTC43515.

DATE: 2-6-86

REVIEWED BY: *Lloyd R. Hamiter*

DATE: 2-6-86

REVIEWED BY: *Joseph G. Klingman*

ISSUING AGENCY:

Texas State Department of Health