

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: TX333D106U

DATE: February 1973

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DEVICE TYPE: Radiograph Source Changer

MODEL: RC-6C

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

MANUFACTURER/DISTRIBUTOR:

SEALED SOURCE MODEL DESIGNATION:

ISOTOPE: Iridium-192

MAXIMUM ACTIVITY:

LEAK TEST FREQUENCY:

PRINCIPAL USE: Industrial Radiography

CUSTOM DEVICE: ___ YES X NO

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DESCRIPTION:

This source changer is designed to accommodate any iridium-192 radiography source pigtail for which this company manufactures a replacement source. It consists of a DOT Specification 6C container with a lead sphere held in its center by steel bracing. The sphere has two curved tubes extending to the center where the old and new sources are placed. The various sized pigtails of the different model sources are accommodated by the various length of the tube extensions that are available to assure the pigtail is seated properly in the center of the shield.

EXTERNAL RADIATION LEVELS:

Radiation levels vary on the surface up to 0.5 mr/hr per curie of iridium-192.

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE:

The manufacturer supplies operating instructions for source exchange.

ISSUING AGENCY:

Texas State Department of Health