

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: TX333D131U

DATE: December 1979

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DEVICE TYPE: Oilfield Wireline Sinker Bars

MODEL: DUSB

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

MANUFACTURER/DISTRIBUTOR:

SEALED SOURCE MODEL DESIGNATION:

ISOTOPE: Depleted Uranium

MAXIMUM ACTIVITY: 4.5 Kilograms per foot

LEAK TEST FREQUENCY:

PRINCIPAL USE: Other

CUSTOM DEVICE: YES NO

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DESCRIPTION:

These devices consist of a 17-4 ph stainless steel casing loaded with a variable number of depleted uranium donuts loaded over a 1/4 inch center tube. The donuts are epoxied in place by the use of a pressure hose to prevent friction. The outside casing is 1/16 inch thick. These devices are available in 3, 5, and 7 foot lengths.

LABELING:

The devices are labeled "Caution - this bar contains _____ lbs. of depleted uranium".

PROTOTYPE TESTING:

The manufacturer states that the device was tested to oil well logging ANSI-77C56522 standards and passed all five parts of the test. A leak test is performed on all completed bars.

EXTERNAL RADIATION LEVELS:

The manufacturer states that the radiation levels on the surface are less than 3 mr/hr.

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE:

These devices should be returned to manufacturer for repair.

ISSUING AGENCY:

Texas Department of Health