

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: TX333D107U

DATE: April 1973

PAGE 1 OF 2

DEVICE TYPE: Well Logging or Neutron Source

MODEL: (b)(2)

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

MANUFACTURER/DISTRIBUTOR:

SEALED SOURCE MODEL DESIGNATION:

ISOTOPE: Americium-241

MAXIMUM ACTIVITY: (b)(2)

LEAK TEST FREQUENCY:

PRINCIPAL USE: Oil Well Logging

CUSTOM DEVICE: ___ YES X NO

Information in this record was deleted in
accordance with the Freedom of Information Act.
Exemptions 2070-0120
FOIA/PA

B/1

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: TX333D107U

DATE: April 1973

PAGE 2 OF 2

DEVICE TYPE: Well Logging or Neutron Source

DESCRIPTION:

This source is doubly encapsulated in stainless steel and designed to withstand 20,000 psi pressure at 500°F. The americium is mixed with beryllium powder and pressed into pellets under 25,000 psi pressure. These pellets are placed in the inner capsule, heliarc welded, and hot water tested for leakage. The inner capsule is then placed in an outer capsule, heliarc welded, bubble tested for leakage, and wipe tested for contamination. The manufacturer states the USASI classification is C-46515.

LABELING:

The source is labeled on the end with "DANGER - RADIOACTIVE MATERIAL - DO NOT HANDLE - NOTIFY CIVIL AUTHORITIES". The other end of the source is labeled with the model number and serial number.

ISSUING AGENCY:

Texas State Department of Health