

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

NO.: TX333S101U

DATE: November 1971

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SEALED SOURCE TYPE: Instrument Check Sources

MODEL: NEEI-50-2, NEEI-50-3

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

MANUFACTURER/DISTRIBUTOR:

ISOTOPE: Any beta/gamma
emitter

MAXIMUM ACTIVITY: 50 microcuries

LEAK TEST FREQUENCY:

PRINCIPAL USE: Other

CUSTOM SOURCE: ☐ YES ☒ NO

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DESCRIPTION:

The NEEI-50-2 source consists of a lucite disk, 1 inch in diameter and 1/5 inch thick. A 1/10 inch deep hole is bored in the center to hold the radioactive material. The NEEI-50-3 source consists of a lucite rod, 5 inches long and 5/8 inch in diameter, which has a hole bored 3/4 inch deep in one end. The radioactive material is deposited as a solution into the hole and lamp dried. The hole is filled with a permanently binding epoxy.

LABELING:

The source is labeled with the isotope, activity, and date of calibration.

QUALITY ASSURANCE AND CONTROL:

The source is wipe tested for contamination prior to transfer.

ISSUING AGENCY:

Texas State Department of Health