

APPENDIX
U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 70-846/83-01

License: SNM-799

Docket: 70-846

Category: V

Licensee: Texas Nuclear Division
Ramsey Engineering Company
P. O. Box 9267
Austin, Texas 78766

Facility Name: Texas Nuclear Division

Inspection At: Austin, Texas

Inspection Conducted: March 1, 1983

Inspector: James Kelly Dow 18 Apr 83
R. A. Caldwell, Physical Protection Specialist Date

Approved: R. J. Everett 4/20/83
R. J. Everett, Chief, Materials Radiation Protection Section Date

James A. F. Kelly 18 Apr 83
James A. F. Kelly, Chief, Physical Security Section Date

Inspection Summary

Inspection conducted March 1, 1983; Report: 70-846/83-01

Areas Inspected: Nuclear material control and accountability including: facility organization and operation; measurement and controls; shipping and receiving; storage and internal controls; and records and reports. The inspection involved 4 inspector-hours onsite by one NRC inspector.

Results: Within the six areas inspected, no violations or deviations were identified.

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REPORT DETAILS1. Key Persons Contacted

In addition to the key members of the licensee's staff, shown below, the inspector interviewed several other licensee employees. The exit interview was conducted with the staff listed below.

J. T. Prudhomme, President

Doris Bryan, Assistant Manager, Personnel and Technical Services

2. Licensee Action on Previous Inspection Findings

The licensee was without violation in the March 14-15, 1979, inspection (Report: 70-846/79-02).

3. Facility Organization and Operation

No violations were noted. Detailed formal procedures for material control and accountability are not required as specified by 10 CFR 70.51(c) since the authorized special nuclear material (SNM) is less than one effective kilogram.

NRC License SNM-799 was due to expire September 30, 1982. The licensee submitted a timely renewal application to NMSS on August 27, 1982, but as of March, NMSS has not acted upon the application. By letter dated February 16, 1983, Texas Nuclear Division requested that NRC License SNM-799 be terminated. The remaining requirements for SNM will be handled by an existing Texas State license, 6-1825.

4. Measurement and Controls

No violations were noted. The licensee receives and processes sealed sources only and no bulk materials are on inventory.

5. Shipping and Receiving

No violations were noted. The licensee's nuclear material transaction reports (NRC Form 741) for shipments and receipts of SNM during the period of March 1979 through March 1983 were examined. There was one shipment on November 22, 1982, of 2 PuBe neutron sources and one receipt of PuBe-491.

6. Storage and Internal Controls

No violations were noted. Sealed source records and internal transfers were well documented.

7. Inventory

No violations were noted. A physical inventory was made by the inspector assisted by the Assistant Manager, Personnel and Technical Services. On November 22, 1982, the 2 Pu-239 sealed sources were shipped to Los Alamos National Laboratory. The inventory consisted of 2 sealed sources (PuBe-66 and PuBe-491) containing 3.9 grams of Plutonium. The larger sources (PuBe-266 and PuBe-307) consisting of 64 grams were shipped.

8. Records and Reports

No violations were noted. Records, reports, and other documentation were reviewed.

9. Exit Interview

The inspector met with Mr. J. T. Prudhomme and Doris Bryan at the conclusion of the inspection on March 1, 1983, and summarized the scope and findings of the inspection.