

MARYLAND SHIPBUILDING AND DRYDOCK COMPANY
P.O. BOX 537 BALTIMORE, MARYLAND 21203

QUALITY ASSURANCE PROGRAM

FOR

SHIPPING PACKAGES

583-111
WILTON K. CARTER, JR
SUPERINTENDENT OF
QUALITY CONTROL

ISSUED : JUNE 18, 1979

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1. Purpose:

This Quality Assurance Program is established to comply with the requirements of Nuclear Regulatory Commission regulations 10 CFR Part 71.

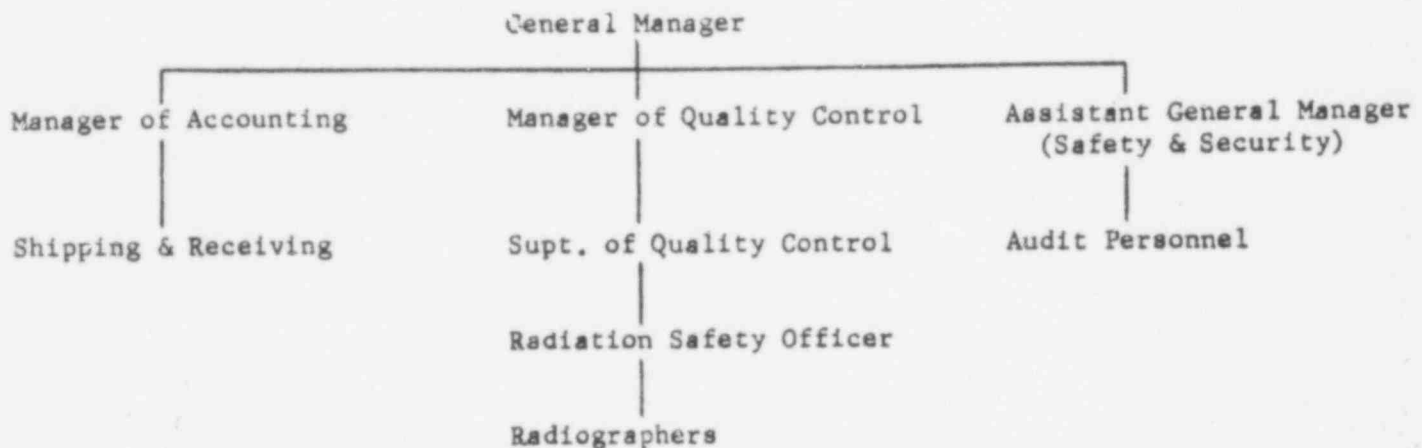
2. Scope:

The Quality Assurance Program shall establish the responsibility for administration and control of the regulations for the safe handling and shipping of radioactive material in approved containers.

3. References:

- 3.1 Nuclear Regulatory Commission requirement 10 CFR Part 71
- 3.2 State of Maryland License No. MD-07-023-01
- 3.3 Administrative, Operating and Emergency Instructions to Quality Control Personnel for handling of Iridium 192 Radioisotope 49NDT-15.

4. Authority:



- 4.1 The Management of Maryland Shipbuilding and Drydock Company shall establish responsibilities for performing the functions of the Quality Assurance Program.
- 4.2 The General Manager shall establish responsibility thru the Manager of Accounting to the Shipping and Receiving Department to receive and ship radioactive sources as required by Purchase Order.
- 4.3 The General Manager shall establish responsibility thru the Manager of Quality Control and the Superintendent of Quality Control to the Radiation Safety Officer and Radiographers to conduct radiation surveys of the storage and shipping containers and maintain records of the surveys and all Quality Assurance records.
- 4.4 The General Manager shall establish responsibility thru the Assistant General Manager to the Audit Personnel to conduct a yearly audit survey in accordance with established written check list. Reports of audits shall be made to Management.

5. Quality Assurance:

- 5.1 Training of Radiation Safety Officers and Radiographers in the use of Isotope equipment and containers shall be accomplished by the attendance of a Radiation Training School that offers courses acceptable to the American Society for Nondestructive Testing for Certification of Personnel in Radiography.
- 5.2 Shipping containers shall be designed with approval of the Department of Transportation and certified for use to us by the Nuclear Regulatory Commission.
- 5.3 Receiving and Shipping documentation shall be maintained thru Purchase Order, Receiving reports, Shipping request and disposal records by the Radiation Safety Officer.
- 5.4 Handling, storage and shipping shall be conducted in accordance with administration and operating instructions for radiographers.

6. Quality Assurance Records:

- 6.1 All records pertaining to radiation equipment, training, surveys, procurement, operating instructions and audits shall be maintained in the Quality Control Office by the Radiation Safety Officer.

7. Audits:

- 7.1 An audit of the Quality Assurance Program shall be conducted yearly as directed by the Assistant General Manager. In accordance with an Audit Inspection Report, audit reports shall be reported to the Manager.