

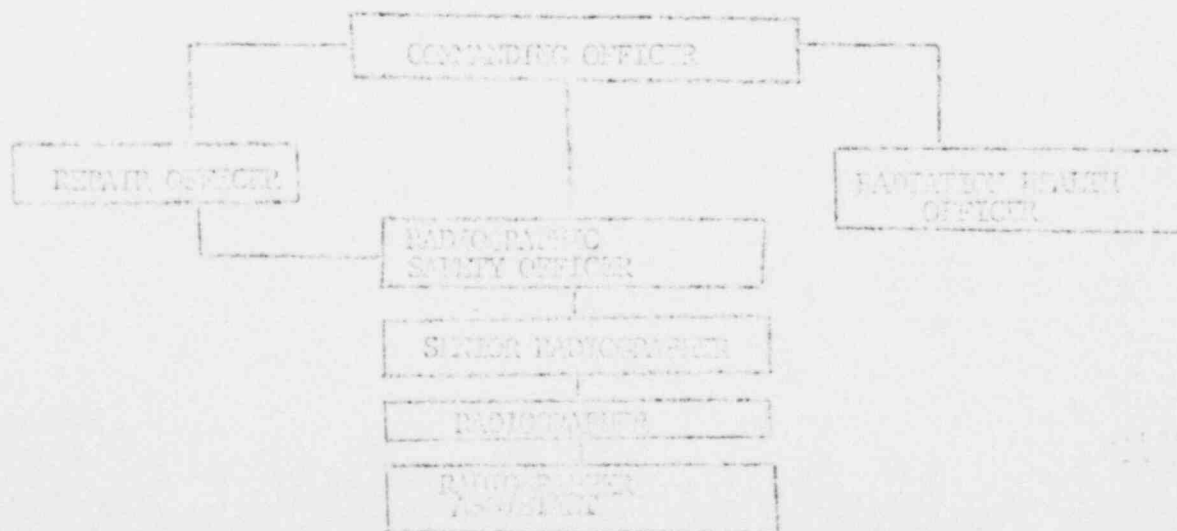
USS PRAIRIE INSTRUCTION 4885.1A

From: Commanding Officer
To: Distribution List

Subj: Quality Assurance Program for Receipt, Handling, Storage and Transfer of Special Form Radioactive Material

Ref: (a) U.S. Nuclear Regulatory Commission Rules and Regulations, Title 10, Code of Federal Regulations, Part 71
(b) PRAIRIEINST 5100.1 (series)

- Purpose. To establish and maintain a Quality Assurance Program governing the handling, shipping, storing, operating, maintenance and inspection of shipping/storage containers for packaging of Radioactive Material for transport as required by reference (a).
- Compliance. PRAIRIEINST 4885.1 dated 5 July 1979.
- Discussion. This instruction sets forth the requirements to provide the necessary assurance that shipping storage containers received, maintained and/or transferred by USS PRAIRIE (AD-15) meet the minimum operating and safety requirements as established by the Nuclear Regulatory Commission. This instruction deals with the handling, shipping, storing, operating, maintaining and inspection of shipping/storage containers only. The designing, fabricating, assembling, testing, repairing and modifying of any container intended for the purpose of shipping or storing Radioactive Material is strictly prohibited by this instruction and shall not be accomplished by USS PRAIRIE (AD-15).
- Action. This instruction is effective upon receipt and will be strictly adhered to by all personnel involved in handling special form Radioactive Material for receipt and transfer.
- The chain of command aboard USS PRAIRIE (AD-15) for utilization of sealed sources for Industrial Radiography is as follows:



by the Radiographic Safety Officer. He shall be responsible to the Radiographic Safety Officer for the training of Radiographers and inspection equipment, Compliance to NRC Rules and Regulations and the maintenance of all shop records concerned with the use and handling of Radiographic Isotopes. He shall procure and maintain radiation survey instruments, ensure that source placements and source tagging operations are performed, and maintain utilization logs.

g. Radiographers - Each Radiographer will be a graduate of Non-Destructive Testing of Metals School, Course A-701-0032, Service School Command, San Diego, CA and shall be so designated as qualified Radiographer by the Radiographic Safety Officer. He is responsible for full compliance with all regulations pertaining to Radiological control, License requirements and the operating and emergency procedures associated with Radiographic Isotopes. He shall perform or personally supervise, at the site where the sealed source is being exposed, radiographic operations. He shall report immediately to the Senior Radiographer and the Radiographic Safety Officer any casualty situation encountered.

g. Radiographer's Assistant. The Radiographer's Assistant shall be qualified in accordance with the training program established in instruction 6(f) of USS PRADRIE's NRC License Application of By-product Material License and shall be designated as Radiographer's Assistant by the Radiographic supervision of a Radiographer. He shall operate equipment only under the supervision of a Radiographer.

6. Quality Assurance Program

a. The responsibility for the Quality Assurance Program for receipt, handling, storage and transfer of special form radioactive material by USS PRADRIE is defined as:

(1) The Radiographic Safety Officer will be responsible for establishing and Implementing the Quality Assurance Program.

(2) The Radiographic Safety Officer will be responsible for ensuring that all personnel involved in the program have received the required training and that they receive periodic training on any new material incorporated into the program.

(3) The Radiographic Safety Officer will be responsible for ensuring any changes or revisions found to be necessary in the Quality Assurance Program are incorporated as required.

(4) The Radiographic Safety Officer shall ensure that all defined QC procedures, engineering procedures and specific provision of the package design approval are satisfied.

(5) The Senior Radiographer will be responsible for the actual performance of the QC operations under the guidance of the Radiographic Safety Officer.

- (5) Compliance to operating and emergency instructions pertaining to compliance with Nuclear Regulatory Commission rules involving receipt, handling, storage and transfer of radioactive materials.
- (6) Compliance to current Quality Assurance program for receipt, handling, storage and transfer of radioactive materials.
- (7) Previous audit reports on file, with replies concerning necessary corrective action.
- (8) Records of required periodic radiac test instrument calibration.
- (9) Radiographic equipment/shipping containers, certificate of compliance for containers used and letter of authorization from the Nuclear Regulatory Commission to use the containers.
- (10) Proper receipt and transfer of documents.
- (11) Adequate equipment for conducting swipe/leak test.
- (12) Swipe and Leak Test results signed by a representative of the Radiac Calibration Facility conducting the survey of the test medium.

d. Personnel to receive a copy of Audit:

- (1) The auditor shall send the report of his audit to the Radiographic Safety Officer and a copy to the Senior Radiographer.

e. Corrective Action:

- (1) Deficient areas discovered during audit will have immediate corrective action taken by the Senior Radiographer.

f. Reply to Audit Deficiencies:

- (1) The Senior Radiographer shall reply in writing to the auditor via the Radiographic safety Officer concerning any audit deficiency.

g. Maintenance of Audit Reports:

- (1) The Radiographic Safety Officer shall maintain a copy of all audit reports.

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h. Responsibility for Causing Accomplishment of the Audit:

(1) The Radiographic Safety Officer shall ensure audits are conducted in accordance with this instruction at the periodicity indicated in paragraph 11.a.(1) of this instruction.


R. E. HELMS, JR.

Distribution:

FRANKEINSTE 5605.1A (List I, Case A)