

APPENDIX A

IRRADIATOR INSPECTION RECORD

Region ____

Inspection Report No. _____

License No. _____

Licensee (Name and Address):

Docket No. _____

Licensee Contact: _____

Telephone No. _____

Priority: ____ Program Code: _____

Date of Last Inspection: _____

Date of This Inspection: _____

Type of Inspection:

☐ Announced

☐ Unannounced

☐ Routine

☐ Special

☐ Initial

Next Inspection Date _____ ☐ Normal ☐ Reduced ☐ Extended

Justification for change in normal inspection frequency:

Summary of Findings and Actions:

☐ No violations cited, clear Nuclear Regulatory (NRC) Form 591 or regional letter issued

☐ Non-cited violations (NCVs)

☐ Violation(s), Form 591 issued

☐ Violation(s), regional letter issued

☐ Followup on previous violations

Inspector(s) _____
(Sign Name)

Date _____

(Print Name)

Approved _____
(Sign Name)

Date _____

(Print Name)

PART I-LICENSE, INSPECTION, INCIDENT/EVENT, AND ENFORCEMENT HISTORY

1. AMENDMENTS AND PROGRAM CHANGES:

(License amendments issued since last inspection, or program changes noted in the license)

<u>AMENDMENT #</u>	<u>DATE</u>	<u>SUBJECT</u>
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2. INSPECTION AND ENFORCEMENT HISTORY:

(Unresolved issues; previous and repeat violations; Confirmatory Action Letters; and orders)

3. INCIDENT/EVENT HISTORY:

(List any incidents, or events, reported to NRC since the last inspection. Citing "None" indicates that regional event logs, event files, and the licensing file have no evidence of any incidents or events since the last inspection.)

PART II - INSPECTION DOCUMENTATION

(Facilities as described; design, construction monitoring, and acceptance testing requirements; uses; control of access; shielding; fire protection; conveyor system; engineering controls; and compliance with public dose limits)

4. EQUIPMENT AND INSTRUMENTATION:

(Survey instruments; 10 CFR Part 21 procedures; interlocks; alarm systems; area and process monitors; conductivity instrumentation; maintenance; 10 CFR 36.61 requirements)

5. MATERIAL USE, CONTROL, AND TRANSFER:

(Materials and uses authorized; security and control of licensed materials; and procedures for receipt and transfer of licensed material; source handling procedures; source integrity; irradiated materials handling)

6. OPERATING AND EMERGENCY PROCEDURES:

(Procedures development and availability; manufacturer's instructions; emergency/abnormal event procedures; assistance arrangements with outside agencies)

7. AREA RADIATION SURVEYS AND CONTAMINATION CONTROL:
(Radiological surveys; air sampling; leak tests; inventories; handling of radioactive materials; records; and public doses)

8. TRAINING AND INSTRUCTIONS TO WORKERS:
(Training and retraining requirements and documentation; interviews and observations of routine work; staff knowledge of all routine activities; 10 CFR Parts 19 and 20 requirements; emergency situations)

9. RADIATION PROTECTION:
(Radiation protection program with ALARA provisions; external and internal dosimetry; exposure evaluations; dose and survey records and reports; annual notifications to workers; bulletins and other generic communications)

10. RADIOACTIVE WASTE MANAGEMENT:
(Disposal; effluent pathways and control; storage areas; transfer; packaging, control, and tracking procedures; records)
11. DECOMMISSIONING:
(Records relevant to decommissioning; decommissioning plan/schedule; notification requirements; cost estimates; funding methods; financial assurance; and Timeliness Rule requirements; changes in radiological conditions since decommissioning plan was submitted)
12. TRANSPORTATION:
(Quantities and types of licensed material shipped; packaging design requirements; shipping papers; hazardous materials (HAZMAT) communication procedures; return of sources; procedures for monitoring radiation and contamination levels of packages; HAZMAT training; and records and reports)

- 87112, Appendix A

16. VIOLATIONS, NCVs, AND OTHER SAFETY ISSUES:
(State requirement and how and when licensee violated the requirement. For NCVs, indicate why the violation was not cited. Attach copies of all licensee documents needed to support violations.)

17. PERSONNEL CONTACTED:
(Identify licensee personnel contacted during the inspection [including those individuals contacted by telephone]).

Use the following identification symbols:
Individual(s) present at entrance meeting
* Individual(s) present at exit meeting

18. PERFORMANCE EVALUATION FACTORS (PEFs):

A.	Lack of senior management involvement with the radiation safety program and/or RSO oversight		<input type="checkbox"/> Y <input type="checkbox"/> N
B.	Radiation Safety Committee too busy with other assignments		<input type="checkbox"/> Y <input type="checkbox"/> N
C.	Insufficient staffing		<input type="checkbox"/> Y <input type="checkbox"/> N
D.	RSC fails to meet or functions inadequately	<input type="checkbox"/> N/A	<input type="checkbox"/> Y <input type="checkbox"/> N
E.	Inadequate consulting services or inadequate audits conducted	<input type="checkbox"/> N/A	<input type="checkbox"/> Y <input type="checkbox"/> N

Remarks (consider the above assessment and/or other pertinent PEFs with regard to the licensee's oversight of the radiation safety program.):

19. Special Conditions or Issues:
(Special license conditions;

PART III - POST- INSPECTION ACTIVITIES

1. REGIONAL FOLLOWUP ON PEFs:

2. DEBRIEF WITH REGIONAL STAFF:
(Post-inspection communication with supervisor, regional licensing staff, Agreement State Officer; and/or State Liaison Officer)

END

APPENDIX A - ATTACHMENT A
DECOMMISSIONING TIMELINESS INSPECTION ATTACHMENT

Licensee: _____

Date of Inspection: _____

1. COMPLIANCE WITH DECOMMISSIONING TIMELINESS RULE
(NOTE: Repeat the answers given in Section 12 of the main body of the inspection record. The issues in subsequent sections are dependent on the answers to these questions.)
- A. License to conduct a *principal activity* has expired or been revoked. () Y () N
- B. Licensee has made a decision to permanently cease *principal activities* at the entire site, or at any separate buildings, or at any outdoor areas, including inactive burial grounds. () Y () N

- C. A 24-month duration has passed in which no *principal activities* have been conducted under the license at the site, or at any separate buildings, or at any outdoor areas, including inactive burial grounds.

() Y () N

- D. If "Yes" to either A or B or C above:

(1) Identify Site/Bldg/Area: _____

(2) Date of occurrence of A, B, or C: _____

2. NOTIFICATION REQUIREMENTS

- A. Licensee has provided written notification to the U.S. Nuclear Regulatory Commission (NRC) within 60 days of the occurrence of 1.A., 1.B., or 1.C. above

() Y () N

If "Yes," date of notification: _____

- B. If the licensee is requesting to delay initiation of the decommissioning process, the licensee has provided written notification to NRC within 30 days of occurrence of 1.A., 1.B., or 1.C., above.

() N/A () Y () N

If "Yes," date of notification: _____

Basis for Findings:

3. DECOMMISSIONING PLAN/SCHEDULE REQUIREMENTS

- A. Licensee is required to submit a decommissioning plan per 10 CFR 30.36(g), 40.42(g), 70.38(g), or 10 CFR Part 72? () Y () N

If "No" to 3.A., answer the following items B. - F.:

- B. The decommissioning work scope is covered by current license conditions. () Y () N

- C. Decommissioning has been initiated within 60 days of notification to NRC, or NRC has granted a delay. () Y () N

- D. If licensee has initiated decommissioning, give date the decommissioning was initiated:

Initiation date: _____

- E. If decommissioning has been completed, it was completed within 24 months of notification to NRC. () N/A () Y () N

- F. If decommissioning is still scheduled to be completed, it is on schedule to be completed within 24 months of notification to NRC. () N/A () Y () N

Basis for Findings:

If "Yes" to 3.A., answer the following items G. - J.:

- G. The decommissioning plan has been submitted to NRC within 12 months of notification. () Y () N

If "Yes," date of submittal: _____

If NRC approved, date of NRC approval: _____

- H. Has the licensee submitted an alternative schedule request? () Y () N

If "Yes," date of submittal: _____

- I. If decommissioning has been completed, it was completed within 24 months after approval of the decommissioning plan. () N/A () Y () N

- J. If decommissioning is still scheduled to be completed, it is on schedule to be completed

within 24 months after approval of the
decommissioning plan.

() N/A () Y () N

Basis for Findings:

Violations identified, if any: