

Page 1 of     INSPECTION REPORT NO. 80-01Attached☐ Appendix A☐ Appendix B☐ Appendix C☐ Memo

Becton-Dickinson  
North York, New York  
North York, New York

Licensee contacts Mr. Richard Crook Telephone no. 203-824-5487License no. CG-13514-01 Last amendment and date:                     Category: E, and Priority: 1V, as of last amendment.Inspection date(s): April 17, 1983 Type of inspection: Routine  
Unannounced

## SUMMARY OF FINDINGS AND ACTION

☐ No noncompliance, clear 591 issued☐ Noncompliance, 591 issued☐ Noncompliance, Appendix A☐ Regional action      Hq action☐ Action on previous noncompliance, Appendix B☐ Supplemental info, Appendix C

## RECOMMENDATIONS

See basis in Appendix C or attached memo.

☐ Change Category to:                      ☐ Change Priority to:                     ☒ Next inspection date: April 1983

## PERSONS CONTACTED

David D. Bennett - Plant Manager  
Richard Crook - RSO - Manager Becton-Dickinson  
William Crook - Stabilization Supervisor - Stabilization Division

Inspector: C. R. R.
 8507130280 850502  
 PDR FOIA  
 GIDWANIB4-705 PDR

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Approved:                     4/30/83

Plan approved: \_\_\_\_\_ Date: \_\_\_\_\_

Licensee: \_\_\_\_\_

License no: \_\_\_\_\_

Inspection Items	Scheduled for inspection	Post-inspection status	Module no.	766 Time Info
Management meeting - Entrance and Exit Interviews [REQUIRED]	✓		307038	
Initial Management Meeting				
Program requirements, HC 28 [REQUIRED]	✓		777108	
Licensee Event Followup			927008	
Followup on Inspector-identified problems			927018	
Followup on Noncompliance and Deviations			927028	
IE Bulletin/Immediate Action Letter Followup			927038	
Followup on Headquarters Requests			927048	
Followup on Regional Requests			927058	
Independent Inspection Effort [REQUIRED]	✓		927068	
Inspector Dispatched to Site			937008	
Followup on Significant Event Occurring During Inspection			937018	

## AREAS INSPECTED AND FINDINGS

777108 - Industrial-Academic

Licensee: \_\_\_\_\_ License no: \_\_\_\_\_ Amendment no: \_\_\_\_\_

INSPECTION ITEMS	CRITERIA	FINDING
1. <u>Organization</u>	Lic Cond <u>11</u>	<u>C</u>
Management organization.		
Radiation protection organization.		

NOTES & REMARKS:

Mr. Case is the current R.P.C. however Mr. Case is designated as the R.P.C. on renewal application and will assume R.P.C. duties upon approval

2. <u>Licensee internal audits</u>	Lic Cond <u>14</u>	<u>C</u>
Scope and frequency.		
Management controls.		

NOTES & REMARKS:

3. <u>Training and instructions to employees</u>	Lic C	<u>C</u>
Training program, scope and frequency, retraining.	Lic Cond <u>14</u>	
Required tests administered; scores satisfactory.		
Instructions to workers.	19.12	

NOTES & REMARKS:

irradiator operators (1) and one trainee. Operators have completed course in operation and maintenance given by AEC Center

4. <u>Radiation protection procedures</u>		<u>C</u>
Operating & emergency procedures implemented.	Lic Cond <u>14</u>	
Security.	20.207	

NOTES & REMARKS:

## AREAS INSPECTED AND FINDINGS

777103 - Industrial-Academic

Licensee: \_\_\_\_\_ License no: \_\_\_\_\_ Amendment no: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
5. <u>Materials, facilities and instruments</u>		<u>C</u>
Authorized uses and quantities.	Lic Cond <u>8, 9</u>	
Restricted areas, posting requirements.	20.203	
Survey instruments & dosimeters; operable, properly calibrated.	Lic Cond <u>14</u>	

NOTES & REMARKS:

Source loading increased in 1979 from 500,000 Ci to 1,250,000 Ci, all source handling done by contractor.

6. <u>Receipt and transfer of materials</u>		<u>C</u>
Procedures implemented, adequate.	20.205, 71.57	
Transfer of byproduct material.	30.41	
Labeling and packaging.	71.5, 49CFR 170-189	
Records of receipt, transfer, storage, survey, and monitoring	30.57	

NOTES & REMARKS:

New shipments. Received new source loading in 1978.

7. <u>Personnel protection - external</u>		<u>C</u>
Personnel monitoring control; minimize exposures, control of accumulated dose.	20.101, 20.102, 20.202	
Surveys conducted, adequate.	20.201	
Records of monitoring, surveys, disposals.	20.401, Lic Cond <u>14</u>	
Levels in unrestricted areas.	20.1, 20.105	

NOTES & REMARKS:

8. <u>Personnel protection - internal</u>		<u>C</u>
Airborne concentrations in restricted areas.	20.103	
Exposure of minors.	20.104	
Posting of airborne radioactivity areas.	20.203	
Survey, monitoring requirements; records.	20.201, 20.401	
Leak tests of sealed sources.	Lic Cond _____	

NOTES & REMARKS:

Source was leak tested at six month intervals, all documented.

## AREAS INSPECTED AND FINDINGS

777103 - Industrial-Academic

Licensee: \_\_\_\_\_ License no: \_\_\_\_\_ Amendment no: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
9. <u>Effluent control, waste disposal</u>		<u>10/15</u>
Release of effluents.	20.106	
Waste disposal.	20.301, 20.303, 20.304, 20.305	
Procedures, records.	20.401, Lic Cond _____	
NOTES & REMARKS:		
10. <u>Shipping, shipping incidents</u>		<u>10/17</u>
Procedures for pickup, receipt, monitoring of packages.	20.205(b) & (c)	
Transportation of licensed material.	77.5	
Incidents, reports, corrective actions.	49CFR 170-189	
NOTES & REMARKS:		
11. <u>Notifications and reports</u>		<u>C</u>
To individuals.	19.13	
Overexposures, excessive levels & concentrations, incidents.	20.403, 20.405	
Personnel exposures and monitoring, termination reports.	20.407, 20.408	
Theft or loss of licensed material.	20.402	
NOTES & REMARKS:		
12. <u>Posting of notices</u>		<u>C</u>
Part 20, license & documents, procedures, notice of violations.	19.11(a)	
NRC-3.	19.11(c)	
NOTES & REMARKS:		



## AREAS INSPECTED AND FINDINGS

777103 - Industrial-Academic

Licenses: \_\_\_\_\_ License no: \_\_\_\_\_ Amendment no: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
13. <u>Environmental monitoring program</u>	Lic Cond _____	<u>14</u>
Implementation of program, scope and frequency as required. Records maintained, reviewed by management.		
NOTES & REMARKS:		
14. <u>Emergency preparedness</u>	Lic Cond <u>14</u>	<u>C</u>
Procedures available for incidents and accidents. Training for personnel; coordination with supporting groups and agencies.		
NOTES & REMARKS:		
15. <u>Other license conditions</u>	Lic _____	<u>C</u>
NOTES & REMARKS:		
16. <u>Continuance measurements</u>		<u>C</u>
Licensee's surveys verified on sampling basis. 20.105, 20.201		
NOTES & REMARKS: Sampled roof and all areas around the irradiator. Results were compatible with license survey		
17. <u>Independent inspection effort</u>		<u>C</u>
Sample of Pool water analyzed,		
NOTES & REMARKS:		

## APPENDIX A - DOCUMENTATION OF NONCOMPLIANCE

Licensee: \_\_\_\_\_

License no: \_\_\_\_\_

Reference	Basis for noncompliance
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	

## APPENDIX B - LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS

Licenses: \_\_\_\_\_ License no: \_\_\_\_\_

Identification and summary of action taken	Status
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Report no: _____	Type n/c: _____	Describe: _____
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Action taken:	OPEN
	CLOSED

Report no: _____	Type n/c: _____	Describe: _____
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Action taken:	OPEN
	CLOSED

Report no: _____	Type n/c: _____	Describe: _____
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Action taken:	OPEN
	CLOSED

Report no: _____	Type n/c: _____	Describe: _____
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Action taken:	OPEN
	CLOSED

Report no: _____	Type n/c: _____	Describe: _____
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Action taken:	OPEN
	CLOSED



## APPENDIX C - SUPPLEMENTARY INFO

Licensee: \_\_\_\_\_

License no: \_\_\_\_\_

- 
- ☐ Uncorrected/repeated noncompliance  
☐ Unusual occurrence, conditions, etc  
☐ Basis for change of Category or Priority

- ☐ Unresolved items  
☐ Inspector's comments