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Attached

☐ Appendix A☐ Appendix B☐ Appendix C☐ Memo

Becton-Dickinson
Route 7 and Gracemore
North Canaan, Conn. 06018

Licensee contact: _____ Telephone no. (203) 824-5487License no. 06-13514-01 Last amendment and date: 10, 2-16-77Category: F, and Priority: IV, as of last amendment.Inspection date(s): 11-21-77 Type of inspection: routine unannounced

SUMMARY OF FINDINGS AND ACTION

- | | |
|--|---|
| <input checked="" type="checkbox"/> No noncompliance, clear 591 issued | <input type="checkbox"/> Noncompliance, 591 issued |
| <input type="checkbox"/> Noncompliance, Appendix A | <input type="checkbox"/> Regional action Hq action |
| <input type="checkbox"/> Action on previous noncompliance, Appendix B | <input type="checkbox"/> Supplemental info, Appendix C |

RECOMMENDATIONS

See basis in Appendix C or attached memo.

☐ Change Category to: _____ ☐ Change Priority to: _____☒ Next inspection date: 11-80

PERSONS CONTACTED

William A Whiting, Sterilization Tech.Richard Crook, Mgr. Bacterial Steril. Serv.

B507130276 B50502
 PDR FOIA
 GIDWANIB4-705 PDR

Inspector: _____

Approved: RO McClinton11/23/77

Plan approved: _____ Date: _____

Licensee: Becton-DickinsonLicense no: 06-13514-01

Inspection Items	Scheduled for inspection	Post-inspection status	Module no.	766 Time Info
Management meeting - Entrance and Exit Interviews [REQUIRED]	✓		307038	1
Initial Management Meeting				
Program requirements, MC 28 ⁵⁰ [REQUIRED]	✓		77710B	2
Licensee Event Followup			927008	
Followup on Inspector-identified problems			927018	
Followup on Noncompliance and Deviations	Inspection 4-20-76 591		927028	
IE Bulletin/Immediate Action Letter Followup			927038	
Followup on Headquarters Requests			927048	
Followup on Regional Requests			927058	
Independent Inspection Effort [REQUIRED]	✓			1
Inspector Dispatched to Site			937008	
Followup on Significant Event Occurring During Inspection			937018	

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777108 - Industrial-Academic

AREAS INSPECTED AND FINDINGS

Licensee: Benton-DickinsonLicense no: 06-13514-01 Amendment no: 10

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

NOTES & REMARKS:

2. Licensee internal auditsLic Cond 11CScope and frequency.
Management controls.

NOTES & REMARKS:

3. Training and instructions to employees

Lic C

CTraining program, scope and frequency,
retraining.Lic Cond 14Required tests administered; scores
satisfactory.

Instructions to workers.

19.12

NOTES & REMARKS:

4. Radiation protection proceduresCOperating & emergency procedures
implemented.Lic Cond 14

Security.

20.207

NOTES & REMARKS:

AREAS INSPECTED AND FINDINGS

Licensee: Boston - Dickinson License no: 06-13574-01 Amendment no: 10

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:		
6. <u>Receipt and transfer of materials</u>		<u>none</u>
Procedures implemented, adequate.	20.205, 71.51	
Transfer of byproduct material.	30.41	
Labeling and packaging.	71.5, 49CFR 170-189	
Records of receipt, transfer, storage, survey, and monitoring	30.51	
NOTES & REMARKS:		
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>none</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:		

AREAS INSPECTED AND FINDINGS

Licensee:

Becton-Dickinson

License no:

06-13514-01 Amendment no: 10

INSPECTION ITEM	CRITERIA	FINDING
9. <u>Effluent control, waste disposal</u>		<u>none</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. Shipping, shipping incidentsnone

Procedures for pickup, receipt, monitoring of packages.	20.205(b) & (c)
Transportation of licensed material.	71.5
Incidents, reports, corrective actions.	49CFR 170-189

NOTES & REMARKS:

11. Notifications and reportsC

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. Posting of noticesC

Part 20, license & documents, procedures, notice of violations.	19.11(a)
NRC-3.	19.11(c)

NOTES & REMARKS:

AREAS INSPECTED AND FINDINGS

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Licensee: Benton-DickinsonLicense no: 06-13514-01 Amendment no: 10

INSPECTION ITEM	CRITERIA	FINDING
13. <u>Environmental monitoring program</u> Implementation of program, scope and frequency as required. Records maintained, reviewed by management.	Lic Cond _____	<u>none</u>

NOTES & REMARKS:

14. <u>Emergency preparedness</u> Procedures available for incidents and accidents. Training for personnel; coordination with supporting groups and agencies.	Lic Cond <u>14</u>	<u>C</u>
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NOTES & REMARKS:

15. <u>Other license conditions</u>	Lic _____	_____
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NOTES & REMARKS: checks of interlocks, ~~lock~~ pool level controls + other routine maintenance not documented

16. <u>Confirmatory measurements</u> Licensee's surveys verified on sampling basis.	20.105, 20.201	<u>C</u>
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NOTES & REMARKS:

survey of roof, levels in control room

17. <u>Independent inspection effort</u>		<u>C</u>
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NOTES & REMARKS:

sample of pool water analyzed in multichannel analyzer,
no contamination found

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 _____	
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	

APPENDIX B - LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS

Licensee: _____

License no: _____

Identification and summary of action taken

Status

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

Report no: _____ Type n/c: _____ Describe: _____

Action taken:

OPEN

CLOSED

Page ____ of ____

Licensee: _____

License no: _____

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

- [] Unresolved items
- [] Inspector's comments

535,000 Ci as of 11-1-77

no documentation of periodic maintenance.