

Materials Inspection

COVER SHEET

Attached N/A

Appendix A

Appendix B

Appendix C

DOCKET NO. _____

FACILITY Ethicon, Inc.INSPECTION NO. 7602CITY, STATE Summersville, N.J.DATE/S December 30, 1976
January 14, 1977SUBJECT - RADIATION SAFETYLICENSE NO/S. 29-02786-03PHONE # FTS 8-342-5500LOCAL 201-524-3536INSPECTOR J. GlenREVIEWER W. Kinnaman

TYPE OF INSPECTION:

☐ INITIAL☒ REINSPECTION☐ SPECIAL☒ ROUTINE☐ ANNOUNCED☒ UNANNOUNCEDDATE OF LAST INSPECTION: 2/1/76RECOMMENDED DATE, NEXT INSPECTION: 1/79☐ SPECIAL☒ ROUTINETYPE OPERATION: Irradiator

SCOPE OF OPERATION

☐ SMALL☐ MEDIUM☒ LARGEPRESENTLY CLASSIFIED CAT/PRI E; AS OF AMENDMENT NO. IV☒ NO CHANGE REQUIRED☐ CHANGES TO CAT/PRI☐ PER ATTACHED MEMO DATED _____SUMMARY OF FINDINGS☒ NO NONCOMPLIANCE NOTED☒ 591 ☒ ROL ☐ OTHER☒ NO SPECIAL PROBLEMS☐ SEE APPENDIX A FOR NONCOMPLIANCE ITEMS☐ SEE APPENDIX B FOR PREVIOUS NONCOMPLIANCE ITEMS☐ SEE APPENDIX C FOR PROBLEM AREAS

RELATIVE TO _____

PERSONS CONTACTED*NAMETITLEORGNAMETITLEORG

- | | | |
|-------------------------|------------------------|-----|
| 1.* Dr. Charles Artandi | V. P. | 6. |
| 2.* E. J. Kendra | RSO | 7. |
| 3. J. Glowacki | Technician Irradiator | 8. |
| 4. J. Kosierowski | Technician Irradiator | 9. |
| 5. V. Foerst | Supervisor Maintenance | 10. |

* MANAGEMENT MEETING ATTENDEES

INSPECTION PLAN

Submitted _____ Date _____

Approved _____ Date _____

INSPECTION ITEMS	SCHEDULED INSPECTION	POST INSPECTION STATUS	MC-28 PROCEDURE NO.	766 TIME INFO.
*Management Meeting-Entrance and Exit Interviews	✓	✓	30703B	—
Initial Management Meeting				
*Inspection Group - <u>2850</u>	✓	✓	77710B	2
Licensee Event Followup			92700B	
Followup on Inspector-identified Problems			92701B	
Followup on Noncompliance and Deviations			92702B	
IE Bulletin/Immediate Action Letter Followup			92703B	
Followup on Headquarters Requests			92704B	
Followup on Regional Requests			92705B	
*Independent Inspection Effort	✓		92706B	2
Inspector Dispatched to Site			93700B	
Followup on Significant Event Occurring During an Inspection			93701B	

*Required Inspection Items

DATA SHEET

MC 2850 - 77710B

FACILITY

Ethicon, Inc.

INSPECTION NO. _____

PAGE 1 OF 3

License No. _____

DATE _____

INSPECTOR _____

Inspection Group

INDUSTRIAL - ACADEMIC

MODULE

77710B

INSPECTION ITEM	SOURCE OF INFORMATION	ACCEPTANCE CRITERIA	FINDINGS
1. <u>ORGANIZATION</u> Management and Radiation Protection Organization Requirements	<i>Kendra</i>	L/C <u>15</u>	C
2. <u>LICENSEE AUDITS</u> Internal Inspection System, Management Controls	<i>Kendra observation</i>	L/C _____ which references license application	C
3. <u>TRAINING AND INSTRUCTIONS</u> a. Training Program b. Instructions to Workers c. Required Tests Administered; Scores Satisfactory	<i>Kendra records</i>	L/C <u>15</u> which references license application 19.12 L/C <u>15</u>	C C C
4. <u>RAD. PROTECTION PROCEDURES</u> a. Operating and Emergency Procedures Implemented b. Security	<i>Kendra observation</i>	L/C <u>15</u> 20.207	C C
5. <u>MATERIAL, FACILITIES, & INSTRUMENTS</u> a. Authorized Uses and Quantities b. Restricted Areas, Posting Requirements c. Survey Instruments & Dosimeters Operable, Calibrated	<i>Kendra records observation</i>	L/C <u>8, 9</u> ; 35.14, 35.100 20.203 L/C <u>15, 16</u> which references license application	C C C

* Code

NA = Not Applicable

C = Compliance

V = Violation

I = Infraction

D = Discrepancy

X = Deviation

U = Unresolved

INSPECTION ITEM	SOURCE OF INFORMATION	ACCEPTANCE CRITERIA	FINDINGS*
6. <u>RECEIPT AND TRANSFER</u> a. Procedures Available and Implemented b. Transfer of Byproduct Material c. Proper Labeling and Packaging d. Records of Package Receipt Transfer, Storage, Monitoring	Kendra records	20.205; 71.51 30.41 71.5; 49 CFR 170-189 30.51	C C C C
7. <u>PERSONNEL RAD. PROTECTION - EXT</u> a. Personnel Monitoring Control, Exposure Minimization, Accumulated Dose b. Surveys Required c. Records of Monitoring, Surveys, Disposal d. Unrestricted Area Levels	Kendra records observation	20.101, 20.102 20.202 20.201 20.401; L/C _____ 20.105, 20.1	C C C C
8. <u>PERSONNEL RAD. PROTECTION - INT</u> a. Airborne Concentration in Restricted Areas Exposure of Minors N/A b. Posting of Airborne Rad. Areas N/A c. Survey and Monitoring Requirements; Records d. Leak Testing of Sealed Sources ✓	Kendra records	20.103 20.104 20.203(d) 20.201 20.401 L/C _____; 35.14(b)(5)(1), (e)(1)(1)	C C C C C
9. <u>EFFLUENT CONTROL & WASTE DISPOSAL</u> Release of Effluents, Waste Disposal, Procedures, Records	Kendra	20.106 20.301, .303, .304, .305 20.401; L/C _____	C C C
10. <u>SHIPPING INCIDENTS</u> Incidents Since Last Inspection Corrective Actions	None Kendra	20.205(b), (c) 71.5, 49 CFR 170-189	C

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D = Deficiency

X = Deviation

U = Unresolved

INSPECTION ITEM	SOURCE OF INFORMATION	ACCEPTANCE CRITERIA	FINDINGS*
11. <u>NOTIFICATIONS AND REPORTS</u> a. To Individuals b. Overexposures; Excessive Levels, Conc. c. Of Incidents d. Personnel Exposures and Monitoring, Termination of Work e. Theft or Loss of Licensed Material	None Kendra's records	19.13 20.405 20.403 20.407 20.408 20.402	C C C C C
12. <u>POSTING OF NOTICES</u> Notices to Workers ✓	observed	19.11	C
13. <u>ENVIRONMENTAL MONITORING</u> Implementation and Maintenance of Environmental Monitoring Programs	N/A	L/C _____ Accepted radiological practices	
14. <u>EMERGENCY PREPAREDNESS</u> Procedures are Implemented	Kendra	L/C _____ Accepted radiological practices	adequate
15. <u>CONFIRMATORY MEASUREMENTS</u> Confirm Licensee's Results of Surveys	Inspector took samples measured at RCI office	Inspector Judgement	C

* Code

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APPENDIX A

PAGE — OF —

NONCOMPLIANCE BACKUP

Facility _____ Insp. No. _____

License No. _____

BASIS FOR CITATION

None

Item # _____
10 CFR _____
L/C _____
*Class _____

Item # _____
10 CFR _____
L/C _____
*Class _____

Item # _____
10 CFR _____
L/C _____
*Class _____

Item # _____
10 CFR _____
L/C _____
*Class _____

Item # _____
10 CFR _____
L/C _____
*Class _____

Item # _____
10 CFR _____
L/C _____
*Class _____

*(V) Violations; (In) Infraction; (Def) Deficiency; (C) Commitment;
(Dev) Deviation

APPENDIX B
LICENSEE ACTION ON PREVIOUSLY IDENTIFIED ITEMS.

NONCOMPLIANCE

ACTION TAKEN

OPEN / CLOSED

Clear - 7601

APPENDIX C - SUPPLEMENTARY DATA

Licensee Ethicon

Subject

License No. 29- 2786-C3

☒ Inspector Comments

Inspection No. 76-02

☐ Unresolved Items

☐ Uncorrected or Repeated
Items of Noncompliance

☐ Unusual Occurrences, etc.

The next inspector should be aware of the following:

Problems - None

During the inspection, a review of procedures used by AECL during re loading was made. As described, the operation was well planned, dosimetry was adequate, and confirming surveys were made.

Samples taken from pool were analyzed and no detectable activity above background was noted