

DATA SHEET

Attached N/A

Appendix A
Appendix B
Appendix C

DOCKET NO. _____

FACILITY General Electric Co. INSPECTION NO. 76-01

CITY, STATE Philadelphia, Pa. Place of use kind of Russia DATE/S 3/24/76

SUBJECT - RADIATION SAFETY LICENSE NO/S. 37-02006-05
SAM-1199
SMB-1005

PHONE # FTS _____ LOCAL 962-5926

INSPECTOR P.C. Jerman REVIEWER R. McLaughlin

TYPE OF INSPECTION: INITIAL SPECIAL ANNOUNCED
 REINSPECTION ROUTINE UNANNOUNCED

DATE OF LAST INSPECTION: 5/2/74

RECOMMENDED DATE, NEXT INSPECTION: 3/78 SPECIAL ROUTINE

TYPE OPERATION: Space Research

SCOPE OF OPERATION SMALL MEDIUM LARGE

PRESENTLY CLASSIFIED CAT/PRI E(1-A) III; AS OF AMENDMENT NO. 31

NO CHANGE REQUIRED CHANGES TO CAT/PRI
 PER ATTACHED MEMO DATED _____

SUMMARY OF FINDINGS

NO NONCOMPLIANCE NOTED SEE APPENDIX A FOR NONCOMPLIANCE ITEMS
 591 ROL OTHER SEE APPENDIX B FOR PROBLEM AREAS
 NO SPECIAL PROBLEMS RELATIVE TO _____

PERSONS CONTACTED*

NAME	TITLE	ORG	NAME	TITLE	ORG
*1. R.G. Oesterling	H.P.		6.		
*2. T. Handley	CHRM-IRAG		7.		
3.			8.		
4.			9.		
5.			10.		

* MANAGEMENT MEETING ATTENDEES

D-183

	<u>INSPECTION ITEM</u>	<u>SOURCE OF INFORMATION</u>	<u>ACCEPTANCE CRITERIA</u>	<u>FINDINGS</u>
P/I 7410	<u>Management Controls</u>			
.01 .06	Responsibilities; Qualifications Users---RSO---Management	Personal Interviews	L/C <u>15</u> which references document dated <u>9/21/72</u>	OK
.02	Internal Audits	Records Review Personal Interviews	L/C as above; 10 CFR 19, 20, 31, 35	OK
.04	Inventory Controls; Related Records	Records Review	L/C 6, 7, 8; 30.41, 30.53	OK
	<u>Training</u>			
.07	Qualification, Competence of Instructors Technican Instruction/Training Posting of Notices, Lic., AEC-3, etc. Special Work Permits Cleaning & Bldg. Maint. Pers.	Personal Interview Employee Interviews Observation — —	Inspector Judgement Document dated <u>9/21/72</u> L/C <u>15</u> , 19.12 19.11 19.12 19.12	OK OK OK NI NI
7415 .01	<u>Inspection History</u> Corrective action; Previously noted noncompliance	Records Review Personal Interview	Pertinent regulations Licensee Letters dated <u>9/27/73</u> <u>5724/74</u>	Recurring Item

INSPECTION ITEM	SOURCE OF INFORMATION	ACCEPTANCE CRITERIA	FINDINGS
.02 Incidents, accidents, unusual occurrences since last inspection including equipment malfunctions	<i>Records Review Personal Interviews</i>	20.402; 20.403; 20.405 Inspector Judgement	OK
.02 Unresolved Items, per list, Problem areas, per previous inspection, evaluation memo.	<i>List Prev. Ins'l Reports</i>	Pertinent regulations Inspector Judgement	OK
F/I 7420 <u>Uses of Material</u>			
.01 License limitations,, re: purpose, personnel, location, etc.	<i>Records Review Personal Interviews</i>	L/C 9, 10 et. seq.	OK
.01 Scope of program	<i>Records Review Personal Interviews</i>	Not applicable	OK
7430 <u>Surveys</u>			
.01 Restricted Areas Unrestricted Areas Extremities Airborne Activity, Contamination Trash, Wastes, Burials Liquid and Gaseous Effluents Leak Tests Incoming Packages	<i>Records Review Personal Interviews</i>	20.101 20.105 20.101 20.103 20.301; 20.304 20.106; 20.303 L/C <u>13</u> 20.205	OK OK OK OK OK OK N/A See Appendix A. N/A
.02 Personnel Monitoring Equip. Records Personnel Exposures - ALAP Bioassay Results	<i>Records Review Personal Interviews</i>	20.202 20.401(a); 20.401(b) 20.1	OK OK OK

INSPECTION ITEM	SOURCE OF INFORMATION	ACCEPTANCE CRITERIA	FINDINGS
7420 <u>Equipment</u>			
.03 Adequacy of instrumentation; fixed & portable meters and systems alarms; warning devices, Calibrations of Instruments	<i>Observation Records Review</i>	Inspector Judgement 20.203 Qtrly; Inspector Judgement	OK
<u>Observations/Measurements</u>			
.01 Posting of notices; warning signs, alarms, warning devices	<i>Observation</i>	19.11(b), (c), (d); 20.203	OK
Physical security; housekeeping	<i>Observation</i>	20.207; Insp. Judgement	OK
Radiation levels	<i>Measurement</i>	20.105	OK
Wearing of required P.M. devices	<i>Observation</i>	20.202	OK
Breathing Zone Air sampling sys	<i>Personal Interview</i>	20.201(b)	OK
Isokinetics, Effluent sampling systems	<i>Personal Interview</i>	20.106, 20.301, 20.303	OK
AP; Contamination controls via ventilation, Hood face velocities, gloveboxes	<i>Personal Interview</i>	20.103; 20.106	OK
Protective clothing; disposable equipment	<i>Observation</i>	20.103	OK

NONCOMPLIANCE BACKUP

Facility GE Co. Insp. No. 76-01

License No. 37-02006-05

BASIS FOR CITATION

Review of leak test records showed
10 Ci Sv-90 sealed source leak tested on
2/5/75 and not retested until 11/13/76 - in excess
15 months. Also 10 mCi Co-60 source tested 3/75
and not retested until 1/76 - 9 months.

Item # A
0 CFR _____
/C 13.C
Class Infr

Item # _____
0 CFR _____
/C _____
Class _____

Item # _____
0 CFR _____
/C _____
Class _____

Item # _____
0 CFR _____
/C _____
Class _____

Item # _____
0 CFR _____
/C _____
Class _____

Item # _____
0 CFR _____
/C _____
Class _____

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

APPENDIX B

- Inspector Comments
- Unresolved Items
- Uncorrected or Repeated n/c
- Unusual Occurrences, Etc.

Facility _____ Inspection No. _____

License No. _____

The next inspector should be aware of the following:

Licensee _____ Lic. No. _____ Insp. No. _____

<u>Inspection Item</u>	<u>Source of Information</u>	<u>Acceptance Criteria</u>	<u>Findings</u>
<p>A) Dose Considerations:</p> <ul style="list-style-type: none"> (1) Lenses of Eyes (2) Extremity Doses - (Rings) (3) Ancillary personnel (Nurses) 		<p>Inspector judgment 20.201(b) ref. 20.101</p>	
<p>B) Teletherapy</p> <ul style="list-style-type: none"> (1) Posting (2) Interlocks (3) 5 year maintenance (4) Malfunctions 		<p>Inspector judgment 20.101; 20.105</p>	
<p>C) Medical</p> <ul style="list-style-type: none"> (1) Authorized Procedures Authorized Materials Authorized Users Authorized Instruments <ul style="list-style-type: none"> (a) Mo⁹⁹ breakthru (b) Calibrated as per L/C _____ (2) Leak Tests (3) Sealed Source Inventory (4) Xe133 & others auth. by L/C _____ 		<p>35.14, 35.100</p> <p>L/C</p> <p>35.14(b)(5)(i) 35.14(e)(1)(i)</p> <p>35.14(b)(5)(v) 35.14(f)(2)</p> <p>L/C</p>	