NRC FORM 766
IE MC 0535

U.S. NUCLEAR REGULATORY COMMISSION

INSPECTOR'S REPORT
Office of Inspection and Enforcement

PRINCIPAL INSPECTOR (Name last, first and middle initial): BROWN, R.A
REVIEWER: C. Cain

INSPECTORS: BROWN, R.A.

LICENSEE VENDOR	TRANSACTION TYPE	DOCKET NO. (8 digits)	REPORT NO	SEQ	NEXT INSPEC DATE MO	YR
Huron Regional Waste Center	X I - INSERT; M - MODIFY; D - DELETE; R - REPLACE	03009603	9001	A	11	92

PERIOD OF INVESTIGATION INSPECTION FROM (MO DAY YR)	TO (MO DAY YR)	INSPECTION PERFORMED BY	ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY: REGION	DIVISION	BRANCH
11 07 90	11 07 90	X 1 - REGIONAL OFFICE STAFF; 2 - RESIDENT INSPECTOR; 3 - PERFORMANCE APPRAISAL TEAM; OTHER	4	3	4

REGIONAL ACTION (Check one box only): 1 - NRC FORM 591; X 2 - REGIONAL OFFICE LETTER

TYPE OF ACTIVITY CONDUCTED (Check one box only): X 02 - SAFETY (fee); 03 - INCIDENT; 04 - ENFORCEMENT; 05 - MGMT AUDIT; 06 - MGMT VISIT; 07 - SPECIAL (fee); 08 - VENDOR; 09 - MAT ACCT; 10 - PLANT SEC; 11 - INVENT VER; 12 - SHIPMENT/EXPORT; 13 - IMPORT; 14 - INQUIRY (no fee); 15 - INVESTIGATION

INSPECTION INVESTIGATION FINDINGS	TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS (A)	ENFORCEMENT CONFERENCE HELD	REPORT CONTAIN 2.790 INFORMATION	NRC FORM 591 OR REG LETTER ISSUED (MO DAY YR)	REPORT SENT TO HQ FOR ACTION
A: X 1 - CLEAR (2 - VIOLATION; 3 - DEVIATION; 4 - VIOLATION & DEVIATION)	08			12 04 90	

MODULE INFORMATION

MODULE NUMBER INSP	DIRECT INSPEC EFFORT HOURS	PERCENTAGE COMPLETED TO DATE	STATUS	Description
53703	001	---	-	management meetings
58710	004	100	C	licensed materials programs
58822	001	100	C	radiation protection
58740	000	100	C	transportation
~~[illegible]~~	0	100	C	Inspection of Waste Generator Requirements
~~[illegible]~~	0	100	C	initial inspection
92702	001	---	-	followup on violations

CIRCLE SEQUENCE IF VIOLATION OR DEVIATION

Mark through module numbers not reviewed. Fill in leading Ø's for hours.

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INSPECTOR'S REPORT
(Continuation)
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DOCKET NO. (5 digits) OR LICENSE NO. (5Y PRODUCT) (13 digits)	REPORT NO	REPORT SEQ	MODULE NUMBER
030029603	90-01	A	87104
		B	
		C	
		D	

VIOLATION OR DEVIATION | VIOLATION SEVERITY OR DEVIATION | ENF. RELATED | SUPL.

1	2	3	4	5	6	D
		X				

A. 10CFR 35.27(a)(2) states, in part, that

(a) A licensee may permit any visiting authorized user to use licensed material for medical use under the terms of the licensee's license for sixty days each year if:

~~(1) The visiting authorized user has the prior written permission of the licensee's management and, if the use occurs on behalf of an institution the institution's Radiation Safety Committee;~~

(2) The licensee has a copy of a license issued by the Commission or an Agreement State, or a permit issued by a Commission or Agreement State broad licensee that is authorized to permit medical use, that identifies the visiting authorized user by name as an authorized user for medical use; and

Contrary to the above, on at least four occasions in 1989 and 1990 visiting authorized users used licensed material for medical use without the licensee first obtaining a copy of a license that identified the user by name.

This is a Severity Level IV violation (problem) (Supplement VI).

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MC 0630

INSPECTOR'S REPORT
(Continuation)
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DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (15 digits)	REPORT NO	SEQ	MODULE NUMBER
030096 93	7001	A	87110 0

VIOLATION SEVERITY OR DEVIATION: IV

VIOLATION OR DEVIATION

10 CFR 35.21(b)(2) requires the Radiation Safety Officer to establish, collect in one binder or file, and implement written policy and procedures as specified in 35.21(b)(2)(i) to (xi).

Contrary to the above, the Radiation Safety Officer had neither established, collected in one binder or file or implemented the required written policies and procedures.

S.L. IV Supp. VI

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INSPECTOR'S REPORT
(Continuation)
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DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (12 digits)	REPORT NO.	SEQ	MODULE NUMBER	VIOLATION SEVERITY OR DEVIAT.
03009602	9001	A	87100	4 (X)

VIOLATION OR DEVIATION (Enter up to 2400 characters for each item. If the text exceeds this number, it will be necessary to paraphrase. Limit lines to 80 characters each.)

10 CFR 35.22(a)(4) states, in part, that the minutes of each Radiation Safety Committee meeting must include certain specified information.

Contrary to the above, minutes of the licensees Radiation Safety Committee meetings did not contain the required information.

S.L. IV Supp VI

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INSPECTOR'S REPORT (Continuation)

Office of Inspection and Enforcement

DOCKET NO. OR LICENSE NO. (BY PRODUCT)	REPORT NO.	MODULE NUMBER	VIOLATION SEVERITY OR DEVIATION
03009603	9001	87100	4

VIOLATION OR DEVIATION

D. 10 CFR 35.220 states that a licensee authorized to use byproduct material for imaging and localization studies shall have in its possession a portable radiation detection survey instrument capable of detecting dose rates over the range of 0.1 millirem per hour to 100 millirem per hour. ~~and a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 millirem per hour to 1000 millirem per hour.~~

Contrary to the above, the licensee did not possess a portable radiation detection survey meter capable of measuring dose rates over the required range from Oct. 31, 1990 to Nov. 7, 1990.

S.L. IV Supp. VI

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DOCKET NO. OR LICENSE NO. (BY PRODUCT): 03009603

REPORT NO: 9001

MODULE NUMBER: 87110001

VIOLATION SEVERITY OR DEVIATION: 4

VIOLATION OR DEVIATION

E. 10 CFR 35.70(a) states that "A licensee shall survey with a radiation detection survey instrument at the end of each day of use all areas where radiopharmaceuticals are routinely prepared for use or administered."

Contrary to the above, the licensee did not perform the required daily surveys between Oct 31, 1990 and Nov. 6, 1990.

S.L. IV

Supp. VI

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INSPECTION REPORT
(Continuation)
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DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (12 digits)	REPORT NO.	SEQ	MODULE NUMBER
0300096603	2001	A	971100

F. 10 CFR 35.70(h) requires that records of surveys required by § 35.70(a) and (e) contain specified information.

Contrary to the above, the records of surveys performed by the licensee in accordance with 35.70(a) and (e) did not contain the required specified information.

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INSPECTOR'S REPORT
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DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT NO.	MODULE NUMBER	VIOLATION SEVERITY OR DEVIATION
030009602	9001	87100	4 (X)

VIOLATION OR DEVIATION (Enter up to 2000 characters for each item. If the item exceeds this number, it will be necessary to paraphrase. Limit lines to 80 characters each.)

G. 10 CFR 35.60(b) requires the licensee to conspicuously label each syringe, or syringe radiation shield that contains a syringe with a radiopharmaceutical. The label must show the radiopharmaceutical name or its abbreviation, the clinical procedure to be performed, or the patient's name.

Contrary to the above, a licensee representative stated that syringes containing radiopharmaceuticals are not labeled.

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DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT NO.	MODULE NUMBER	VIOLATION SEVERITY OR DEVIATION
03009602	[illegible]	87100	X

VIOLATION OR DEVIATION (Enter up to 2400 characters for each item. If the text exceeds this number, it will be necessary to paraphrase. Limit lines to 60 characters each.)

H. 10 CFR 35.59 requires, in part,

"(g) A licensee in possession of a sealed source or brachytherapy source ~~shall~~ TO conduct a quarterly physical inventory of all such sources in its possession. ~~The licensee shall retain each inventory record for five years. The inventory records must contain the model number of each source, and serial number if one has been assigned, the identity of each source radionuclide and its nominal activity, the location of each source, and the signature of the Radiation Safety Officer...~~"

Contrary to the above, no quarterly inventories of sealed sources used to test the dose calibrator had been performed.

S.L. IV Supp. VI