

BROWN, R.A.

REVIEWER

C. Cain *LLC*INSPECTOR'S REPORT
Office of Inspection and Enforcement

INSPECTOR

BROWN, R.A.

LICENSEE/VENDOR	TRANSACTION TYPE	DOCKET NO. (8 digits)	REPORT NO.	NEXT INSPEC DATE
Huron River Nuclear Power Plant	X - INSERT M - MODIFY D - DELETE R - REPLACE	03009603	9001	11/92
			A	
			B	
			C	
			D	

PERIOD OF INVESTIGATION/INSPECTION	FROM	TO	X - REGIONAL OFFICE STAFF	OTHER	ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY (See IE MC 0530 Manpower Reporting—Weekly Manpower Reporting for code)
	MO DAY YR	MO DAY YR	2 - RESIDENT INSPECTOR		REGION
	11/07/90	11/11/90	3 - PERFORMANCE APPRAISAL TEAM		DIVISION
					BRANCH
					4 3 4

REGIONAL ACTION	TYPE OF ACTIVITY CONDUCTED (Check one box only)
(Check one box only)	X - SAFETY (Fee) 02 - INCIDENT 04 - ENFORCEMENT 06 - MGMT AUDIT
1 - NRC FORM 881 2 - REGIONAL OFFICE LETTER	08 - MGMT VISIT 07 - SPECIAL (Fee) 05 - VENDOR 09 - MAT ACCT
	10 - PLANT SEC 11 - INVESTIGATOR 12 - SHIPMENT/EXPORT 13 - REPORT
	14 - INQUIRY (no Fee) 15 - INVESTIGATION

INSPECTION/INVESTIGATION FINDINGS	TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS	ENFORCEMENT CONFERENCE HELD	REPORT CONTAIN 2780 INFORMATION	LETTER OR REPORT TRANSMITTAL DATE
(Check one box only)				NRC FORM 881 OR REG LETTER ISSUED
A B C D	A B C D A B C D	A B C D		MO DAY YR MO DAY YR
1 - CLEAR 2 - VIOLATION DEVIATION 4 - VIOLATION & DEVIATION	081	1 - YES	1 - YES	11/04/90

MODULE INFORMATION										MODULE INFORMATION																			
REC ID#	MODULE NUMBER INSP					PRIORITY	DIRECT INSPECTION REPORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ FOLLOWUP					REC ID#	MODULE NUMBER INSP					PRIORITY	DIRECT INSPECTION REPORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ FOLLOWUP				
TYPE NUMBER	PHASE	MANUAL	CHAPTER	PROCEDURE NUMBER	LEVEL	REC ID#	PHASE	MANUAL	CHAPTER	PROCEDURE NUMBER	LEVEL	TYPE NUMBER	PHASE	MANUAL	CHAPTER	PROCEDURE NUMBER	LEVEL	REC ID#	PHASE	MANUAL	CHAPTER	PROCEDURE NUMBER	LEVEL						
0 1 5 1 3 0 7 0 3	A	OP1	-	-	-	0 1 5 1 3 0 7 0 3	A	OP1	-	-	-	0 1 5 1 3 0 7 0 3	A	OP1	-	-	-	0 1 5 1 3 0 7 0 3	A	OP1	-	-	-	0 1 5 1 3 0 7 0 3					
management meetings	B						B						B						B										
	C						C						C						C										
	D						D						D						D										
0 1 5 8 7 1 0 0	A	OP1	100	C	-	0 1 5 8 7 1 0 0	A	OP1	100	C	-	0 1 5 8 7 1 0 0	A	OP1	100	C	-	0 1 5 8 7 1 0 0	A	OP1	100	C	-	0 1 5 8 7 1 0 0					
licensed materials programs	B						B						B						B										
	C						C						C						C										
	D						D						D						D										
0 1 5 8 3 8 2 2	A	OP1	100	C	-	0 1 5 9 2 7 0 2	A	OP1	-	-	-	0 1 5 9 2 7 0 2	A	OP1	-	-	-	0 1 5 9 2 7 0 2	A	OP1	-	-	-	0 1 5 9 2 7 0 2					
radiation protection	B						B						B						B										
	C						C						C						C										
	D						D						D						D										
0 1 5 8 6 7 4 0	A	OP1	100	C	-	0 1 5 9 2 7 0 2	A	OP1	-	-	-	0 1 5 9 2 7 0 2	A	OP1	-	-	-	0 1 5 9 2 7 0 2	A	OP1	-	-	-	0 1 5 9 2 7 0 2					
transportation	B						B						B						B										
	C						C						C						C										
	D						D						D						D										

* CIRCLE SEQUENCE IF VIOLATION OR DEVIATION

Mark through module numbers not reviewed. Fill in leading 0's for hours.

INSPECTOR'S REPORT

(Continuation)

Office of Inspection and Enforcement

DOCKET NO. OR PERMIT OR LICENSE
NO. (BY PRODUCT) (13 Digits)

REPORT

NO.

BBG

MODULE NUMBER

8711001

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
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VIOLATION SEVERITY
OR DEVIATION

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

(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

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

INSPECTOR'S REPORT

(Continuation)

Office of Inspection and Enforcement

DOCKET NO. OR PERMIT OR LICENSE NO. (BY PROD. CTY/CSA/REG)	REPORT		MODULE NUMBER	
	NO.	REQ.	8711001	
03009692	2001	A	VIOLETION SEVERITY	BY
		B	DEVIATION	LOCATED
		C		SUP.
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VIOLATION OR DEVIATION (ENTER NO. IN PAPER DRAFTSHEET FOR EACH ITEM. IF THE ITEM EXCEEDS ONE PAGE, IT MAY BE NECESSARY TO CONTINUE. LIMIT ITEMS TO 10 ENTRIES EACH.)

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

INSPECTOR'S REPORT
(Continuation)
Office of Inspection and Enforcement

ITEM NO. (1) NAME OR LICENSE NO. (BY PRODUCT) (12 DIGITS)	REPORT NO.	800	MODULE NUMBER	
			A	B
23007603	900	A	871001	1
		B	1 2 3 4 5 6 7 8 9 0	2
		C	1 2 3 4 5 6 7 8 9 0	3
		D	1 2 3 4 5 6 7 8 9 0	4

VIOLATION OR DEVIATION LETTERS TO BE USED IN PAPER ENVELOPES FOR MAILING. IF THE MAIL ENVELOPE HAS NO NUMBER, IT MAY BE NECESSARY TO INDICATE WHICH LETTER NUMBER IS TO BE ENCLOSED.

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

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

S.L. IV

Supp VI

INSPECTOR'S REPORT

(Continuation)

Office of Inspection and Enforcement

DOCKET NO. OR NAME OF LICENSEE NUCLEAR PRODUCT ID NUMBER	REPORT		MODULE NUMBER	
	NO.	880	271	001
5130009602	9001	A	VIOLATION SEVERITY OR DEVIATION	RPT. RELATE SUPPL.
		B	1 2 3 4 5 6 D	A C E D
		C		
		D	X	

VIOLATION OR DEVIATION (ENTER IF IT IS APPROPRIATE FOR A NO. 880. IF THE REPORT CONCERNED ANOTHER NO. 880, IT MAY BE NECESSARY TO REOPEN THIS LINE. LINE 880 IS FOR SPACES ONLY.)

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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~~
 b. 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.

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NRC FORM 705 A E MC 0830		DOCKET NO. & PHASE OF LICENSE NO. (BY PRODUCT): 113 BWR/1	REPORT		MODULE NUMBER	
INSPECTOR'S REPORT (Continuation) Office of Inspection and Enforcement			NO.	550	871 001	
		23009603	9001	A	VIOLATION SEVERITY OR DEVIATION	
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E. 10 CFR 35.70(a) states that

~~10.4.~~ 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.

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INSPECTION REPORT
(Continuation)
Inspection and Enforcement

BUSINESS NO. OR LICENSE OR LICENSE
 NO. (BY PRODUCT) (12 POS)

REPORT		MODULE NUMBER	
NO.	REG.	9711001	
		A	VIOLATION SEVERITY OR DEVIATION
		B	1 2 3 4 5 6 7 8 9 10
		C	AC
		D	ED

NOTE: USE DEVIATION SEVERITY TO DETERMINE NUMBER OF DASHES FOR EACH ROW. IF THE ROW EXCEEDS THIS NUMBER, IT WILL BE PRECEDED BY A DEVIATION. LINES ROLL TO 80 CHARACTERS EACH.

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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NRC FORM 706-A E-1 E NRC USE		DOCKET NO. OR PERMIT OR LICENSE NO. (BY PRODUCT) (10 SPACES)	READY	MODULE NUMBER
INSPECTOR'S REPORT (Continuation) Office of Inspection and Enforcement		03009602	HD 880 7001 *	871001
			8	VIOLATION SEVERITY OR DEVIATION
			6	BT RELATED
			0	SUP.
VIOLATION OR DEVIATION (Enter up to 800 characters per each row. If the last character is a blank, it will be considered to be a space. Limit 1000 to 800 characters each.)				

G. 10 CFR 35.60(b) requires the licensee to

RECOMMENDATION: The practitioner or dispenser must 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 radio pharmaceuticals are not labelled.

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INSPECTOR'S REPORT

(Continuation)

Office of Inspection and Enforcement

DOCKET NO. OR PERMIT OR LICENSE
NO. (BY PRODUCT) (15 CHAR)

REPORT

MODULE NUMBER

NC 580

8711001

9110

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A

VIOLATION SEV. SEV.

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OR DEVIATION

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TYPE RELATED SUP.

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VIOLATION OR DEVIATION (ENTER UP TO 200 CHARACTERS FOR REPORT ITEM. IF THIS ITEM EXCEEDS THIS NUMBER, IT WILL BE NUMBERED IN ALPHABETICAL ORDER UP TO 200 CHARACTERS EACH.)

H. 10 CFR 35.57 requires, in part,

... licensee in possession of a sealed source or brachytherapy source "D" shall conduct a quarterly physical inventory of all such sources in its possession. The licensee shall retain such inventory record for five years. The inventory records must contain the model number of each source, and serial numbers if a license 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.

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