APPENDIX B

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 30-02921/83-01 License: 35-13127-01

Docket: 30-02921

Licensee: South Community Hospital
1001 S.W. 44th
Oklahoma City, Oklahoma 93109

Meeting Conducted: January 19, 1983

Inspector: C. A. Hooker 1/24/83
C. A. Hooker, Radiation Specialist Date

Approved: R. J. Everett 1/24/83
R. J. Everett, Chief, Materials Radiation Protection Section Date

Meeting Summary

Meeting held January 19, 1983 (Report 30-02921/83-01)

An Enforcement Conference was held by telephone to discuss the findings of the NRC inspection conducted on December 15-16, 1982. The meeting involved 1 man-hour by 2 NRC personnel.

Results: The NRC staff expressed concern as to the nature and number of violations found during the inspection. The licensee responded and stated that corrective actions would be taken to bring him within full compliance. The NRC staff summarized the enforcement options available for these types of violations. The NRC staff stated that a letter with the Notice of Violation would be sent to the licensee and the licensee's written response would be carefully reviewed to determine the need for additional enforcement action.

DETAILS

Persons Participating in the Meeting

a. South Community Hospital

J. Neely, Executive Vice President

b. NRC - RIV

R. J. Everett, Chief, Materials Radiation Protection Section
C. A. Hooker, Radiation Specialist

NRC FORM 798 (11-81) IE MC 0535

U.S. NUCLEAR REGULATORY COMMISSION

INSPECTOR'S REPORT

Office of Inspection and Enforcement

PRINCIPAL INSPECTOR (Name, last, first, and middle initial): EVERETT, R. J.

REVIEWER:

INSPECTORS: R. J. EVERETT; C. A. LADDEN

LICENSEE/VENDOR	TRANSACTION TYPE	DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT NO.	REPORT SEQ.	NEXT INSPEC. DATE MO.	NEXT INSPEC. DATE YR.
SOUTH COMMUNITY HOSPITAL	V 1 – INSERT; M – MODIFY; D – DELETE; R – REPLACE	030029211	8301	A		
				B		
				C		
				D		

PERIOD OF INVESTIGATION/INSPECTION FROM MO.	FROM DAY	FROM YR.	TO MO.	TO DAY	TO YR.	INSPECTION PERFORMED BY	ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY (See IEMC 0530 "Manpower Reporting—Weekly Manpower Reporting" for code.) REGION	DIVISION	BRANCH
01	19	83	01	19	83	V 1 – REGIONAL OFFICE STAFF; 2 – RESIDENT INSPECTOR; 3 – PERFORMANCE APPRAISAL TEAM; OTHER	4	B	A

REGIONAL ACTION (Check one box only)
- 1 – NRC FORM 591
- V 2 – REGIONAL OFFICE LETTER

TYPE OF ACTIVITY CONDUCTED (Check one box only)
- 02 – SAFETY
- 03 – INCIDENT
- V 04 – ENFORCEMENT
- 05 – MGMT. AUDIT
- 06 – MGMT. VISIT
- 07 – SPECIAL
- 08 – VENDOR
- 09 – MAT. ACCT.
- 10 – PLANT SEC.
- 11 – INVENT. VER.
- 12 – SHIPMENT/EXPORT
- 13 – IMPORT
- 14 – INQUIRY
- 15 – INVESTIGATION

INSPECTION/INVESTIGATION FINDINGS (Check one box only) A	B	C	D		TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS A	B	C	D	ENFORCEMENT CONFERENCE HELD A	B	C	D	REPORT CONTAIN 2.790 INFORMATION A	B	C	D	LETTER OR REPORT TRANSMITTAL DATE: NRC FORM 591 OR REG. LETTER ISSUED MO.	DAY	YR.	REPORT SENT TO HQ. FOR ACTION MO.	DAY	YR.
V				1 – CLEAR	00				V								JAN 31 1983					
				2 – VIOLATION					1 – YES				1 – YES									
				3 – DEVIATION																		
				4 – VIOLATION & DEVIATION																		

MODULE INFORMATION

REC ORD TYPE	MODULE NUMBER INSP. NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	SEQ.*	PRIORITY	DIRECT INSPECTION EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ. FOLLOWUP PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL
B	1	5	3	0	7	A		0	1					
						B								
						C								
						D								
B						A								
						B								
						C								
						D								
B						A								
						B								
						C								
						D								
B						A								
						B								
						C								
						D								

* CIRCLE SEQUENCE IF VIOLATION OR DEVIATION

MODULE INFORMATION

REC ORD TYPE	MODULE NUMBER INSP. NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	SEQ.*	PRIORITY	DIRECT INSPECTION EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ. FOLLOWUP PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL
B						A								
						B								
						C								
						D								
B						A								
						B								
						C								
						D								
B						A								
						B								
						C								
						D								
B						A								
						B								
						C								
						D								

NRC FORM 766 (11-81) IE MC 0535

U.S. NUCLEAR REGULATORY COMMISSION

INSPECTOR'S REPORT

Office of Inspection and Enforcement

PRINCIPAL INSPECTOR (Name, last, first, and middle initial): Hooker, Charles A

REVIEWER:

INSPECTORS: C. A. Hooker

LICENSEE/VENDOR	TRANSACTION TYPE	DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT NO.	SEQ.	NEXT INSPEC. DATE MO.	YR.
South Community Hospital	✓ I – INSERT; M – MODIFY; D – DELETE; R – REPLACE	03002921	8201	A		

PERIOD OF INVESTIGATION/INSPECTION FROM MO.	DAY	YR.	TO MO.	DAY	YR.
12	15	82	12	16	82

INSPECTION PERFORMED BY: ✓ 1 – REGIONAL OFFICE STAFF; 2 – RESIDENT INSPECTOR; 3 – PERFORMANCE APPRAISAL TEAM; OTHER

ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY (See IEMC 0530 "Manpower Reporting—Weekly Manpower Reporting" for code.)

REGION	DIVISION	BRANCH
4	B	A

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

TYPE OF ACTIVITY CONDUCTED (Check one box only): ✓ 02 – SAFETY; 03 – INCIDENT; 04 – ENFORCEMENT; 05 – MGMT. AUDIT; 06 – MGMT. VISIT; 07 – SPECIAL; 08 – VENDOR; 09 – MAT. ACCT.; 10 – PLANT SEC.; 11 – INVENT. VER.; 12 – SHIPMENT/EXPORT; 13 – IMPORT; 14 – INQUIRY; 15 – INVESTIGATION

INSPECTION/INVESTIGATION FINDINGS (Check one box only): 1 – CLEAR; ✓ 2 – VIOLATION (A); 3 – DEVIATION; 4 – VIOLATION & DEVIATION

TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS: A: 02; B: ; C: ; D:

ENFORCEMENT CONFERENCE HELD: 1 – YES

REPORT CONTAIN 2.790 INFORMATION: 1 – YES

LETTER OR REPORT TRANSMITTAL DATE: NRC FORM 591 OR REG LETTER ISSUED: JAN 31 1983; REPORT SENT TO HQ FOR ACTION:

MODULE INFORMATION

RECORD TYPE	MODULE NUMBER INSP. (NUMBER / PHASE / MANUAL CHAPTER / PROCEDURE NUMBER / LEVEL)	SEQ.*	PRIORITY	DIRECT INSPECTION EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ. FOLLOWUP
B	5 3 0 7 0 3 B	A					
B	5 7 8 7 1 0 B	(A)		006	100	C	
B	5 9 2 7 0 6 B	A					
B	5 8 6 7 4 0 B	A		010	100	C	

* CIRCLE SEQUENCE IF VIOLATION OR DEVIATION

NRC FORM 766 A	DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT NO.	SEQ	MODULE NUMBER	
INSPECTOR'S REPORT (Continuation) Office of Inspection and Enforcement	030002921	8201	A	57871018	VI

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 50 characters each.)

1. License Condition 18 requires, in part, that licensed activities be conducted in accordance with statements, representations, and procedures contained in your application dated January 26, 1979, and letter dated April 4, 1980. Items 7, 10, and 14 of the application and Item 10 of the letter commits to following the recommendations of Regulatory Guide 10.8.

   a. Appendix B of Regulatory Guide 10.8 requires, in part, that the medical isotope committee meet quarterly.

      Contrary to this requirement, the medical isotope committee did not meet quarterly during the period October 28, 1980, to December 16, 1982.

   b. Appendix D of Regulatory Guide 10.8 requires, in part, that the dose calibrator be tested quarterly for linearity and annual accuracy tests be conducted using cesium-137, cobalt-57, and barium-133 reference standards.

      Contrary to this requirement, the dose calibrator linearity tests were not conducted quarterly and the annual accuracy tests did not include the use of cobalt-57 and barium-133 reference standards during the period August 25, 1980, to December 16, 1982.

   c. Appendix F of Regulatory Guide 10.8 requires, in part, that all shipments of radioactive liquids greater than exempt quantities be tested for leakage, and all packages have the exposure rate measured at the surface and 3 feet from the package.

      Contrary to this requirement, neither the required leakage test, nor the exposure rates were measured on incoming packages of radioactive material during the period August 25, 1980, to December 16, 1982.

   d. Appendix L of Regulatory Guide 10.8 requires, in part, that surveys of the patient's room and surrounding areas will be conducted after sources are implanted and that nurses attending brachytherapy patients will be assigned film or TLD badges.

      Contrary to this requirement, neither the required surveys were conducted, nor were nurses issued film or TLD badges when patients were treated with brachytherapy sources during the period August 25, 1980, to December 16, 1982.

   e. Item 9 of the letter requires, in part, that thyroid counts be given to nuclear medical personnel opening therapeutic doses of liquid iodine-131.

      Contrary to this requirement, thyroid counts were not obtained for nuclear medical personnel who opened therapeutic doses of iodine-131 on March 1, 1982, and April 2, 1982.

NRC FORM 766 A

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

DOCKET NO. (8 DIGIT) OR LICENSE NO. (BY PRODUCT) (13 DIGIT)	REPORT NO.	SEQ	MODULE NUMBER	
03002921	8201	A	57871 0B	VI

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 50 characters each.)

2. 10 CFR 35.14(e) requires, in part, that sealed calibration or reference sources containing more then 100 microcuries of licensed material be tested for leakage and/or contamination at intervals not to exceed six months.

   Contrary to this requirement, a 196 microcurie cesium-137 sealed calibration source had not been leak tested during the period August 25, 1980, to December 16, 1982.