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James Wright, President

July 20, 1981

Mr. D. J. Streniawski
Chief, Materials Radiation Protection
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Reply Statement, Action Taken on Items
of Non-Compliance, License No. 21-06217-02,
License No. 21-06217-03. Pontiac General
Hospital, Pontiac, Michigan.

Dear Mr. Streniawski:

In response to your letter dated June 20, 1981, we hereby submit the following statements concerning Items of Non-Compliance noted during the inspection of June 2 and June 3, 1981, by Mr. J. R. Mullauer of your office.

License No. 21-06217-02

Violation 1

A linearity of response check was performed on the dose calibrator of June 8 and June 9, 1981. Results showed calibrator to be performing within acceptable limits. In the future, linearity of response studies shall be performed at intervals not to exceed one calendar quarter. Full compliance achieved.

Violation 2

A meeting of the Medical Isotopes Committee convened June 25, 1981. In the future, the Medical Isotopes Committee shall meet at intervals not to exceed one calendar quarter. Compliance achieved.

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Violation 3

Leak testing of one reference sources, specifically, Cesium-137 and Barium-133, is performed on a routine basis. The most recent leak tests were performed on June 5, 1981. Results of the leak testing were negative for removable contamination, and a written record was made of this test procedure. In accordance with 10 CFR 35.14 (e)(2), records of leak test results shall be maintained for inspection by the Commission. Full compliance achieved.

License No. 21-06217-03

Violation 4

A full calibration of the Picker Model 6150-D Teletherapy Unit was performed on June 8, 1981. A copy of the report is enclosed for your files. Future calibrations shall be performed at intervals not to exceed one year. Full compliance achieved.

Violation 5

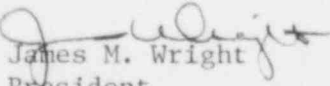
Records of recent instrument calibrations used to make spot checks and full calibrations on the Picker Model 6150-D Teletherapy Unit were again placed in the files of Pontiac General Hospital Radiation Therapy Division on June 3, 1981, by David M. Leahy, M.S., in the presence of Mr. James R. Mullauer. These, together with future updated calibrations, shall be maintained in the hospital's files. Full compliance achieved.

Violation 6

Records of the licensee's evaluation of the qualified experts' training and experience in performing full calibrations and spot checks on teletherapy units were again placed in the files of Pontiac General Hospital Radiation Therapy Division on June 3, 1981, by David M. Leahy, M.S., in the presence of Mr. James R. Mullauer. These records shall be maintained in accordance with 10 CFR 35.25.

In conclusion, please be advised that the Hospital assumes the full responsibility for ensuring that all regulations promulgated by the Nuclear Regulatory Commission governing such hospital installations will be adhered to. It is our express intent to provide a nuclear medicine facility in full compliance with the applicable laws and operating in recognition of your agencies' regulations.

Sincerely yours,


James M. Wright
President

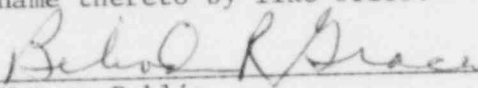
State of Michigan)
County of Oakland)

Enc.

On the 21st day of July, 1981, before me personally appeared James Wright, to me known, who, being by me duly sworn, did depose and say that he is President of Pontiac General Hospital, the institution described in and which executed the foregoing

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instrument under oath; and that he signed his
name thereto by like order.


Notary Public

BELINDA R. GRACEY
Notary Public, Oakland County, MI
My Commission Expires Nov. 14, 1984

PONTIAC GENERAL HOSPITAL

Dose Rate Measurements
June 8, 1981
Picker C-1000 Co-60 Unit
Source Sr PX2297
1, 488 curies, June 1, 1978

RADS AT MAXIMUM BUILD-UP (0.5 cm)

40 cm SSD

4 x 4 cm	113.7 Rads/min
6 x 6	117.6
8 x 8	120.9
10 x 10	123.4
12 x 12	124.9

50 cm SSD

4 x 4 cm	69.1 Rads/min
6 x 6	71.9
8 x 8	73.9
10 x 10	75.6
12 x 12	77.1
15 x 15	78.4

55 cm SSD

6 x 6 cm	59.4 Rads/min
8 x 8	60.6
10 x 10	62.1
12 x 12	63.4
15 x 15	64.6
17 x 17	65.3

60 cm SSD

6 x 6 cm	49.1 Rads/min
8 x 8	50.4
10 x 10	51.7
12 x 12	52.7
15 x 15	53.9
17 x 17	54.6
19 x 19	55.0

70 cm SSD

6 x 6 cm	36.1 Rads/min
8 x 8	37.0
10 x 10	38.0
12 x 12	38.7
15 x 15	39.6
17 x 17	40.1
20 x 20	40.6