

FLINT OSTEOPATHIC HOSPITAL  
3921 BEECHER ROAD  
FLINT, MICHIGAN 48502

1 July, 1985

United States Nuclear Regulatory Commission  
Region III, Office of Inspection and Enforcement  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

ATTEN: D.J. Sreniawski, Chief  
Nuclear Materials Safety, Section 2

Dear Mr. Sreniawski:

As follows, please consider our response to the letter of June 14, 1985, which listed items of noncompliance to License No. 21-04074-01 as observed by W. P. Reichhold of your office during his visit of May 21 and 22, 1985. Please refer to the Appendix of your letter for the following references by item.

ITEM 1: In response, the LFOV imaging room of concern has been adjusted to a 10% negative pressure relative to the total 476 CFM continuous room exhaust (purge exhaust not included). With purge exhaust, the room has a total 2187 CFM exhaust. Substituting in given equation of License application,

$$\text{ONTIME} = \frac{n/10 \times 168\text{hr.} \times 233.4 \text{ CFM}}{2187 \text{ Total Exhaust}}$$

n = number of 10 mCi equivalent patient studies

the purge exhaust must remain on 1.793 hrs. to meet NRC requirements. For all future xe-133 imaging studies, the purge exhaust will in fact be left on for this value. Full compliance is presently effective.

ITEM 2: In response, monitoring of hands and clothing has begun, and will continue on a permanent basis. Full compliance is presently effective.

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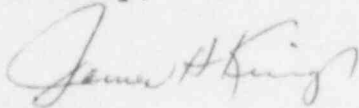
ITEM 3: In response, daily constancy checks of the dose calibrator include the Tc-99m and Mo-99 settings (as well as several others) and will continue on a permanent basis. Full compliance is presently effective. However, in view of the fact that our last NRC inspection by your office on March 24, 1982 revealed no such deficiencies of the same recording log, we feel this may have been an inspection irregularity.

ITEM 4: In response, all technologists concerned, have been informed that radioactive waste is only to be surveyed with our calibrated Eberline E-140 G-M survey meter. Full compliance is presently effective.

ITEM 5: In response, the technologists concerned, have been informed that all radioactive packages are to be surveyed at the surface and 3 feet as was previously performed prior to our last NRC inspection by P.J. Whiston of your office. At that time she informed the Nuclear technologists that surveys were not needed on white label packages. Full compliance is presently effective.

If you have any questions concerning this response, please feel free to contact us.

Sincerely,

A handwritten signature in cursive script, appearing to read "James H. King".

Mr. James King  
Administrator