Flint Nuclear Diagnostic Center

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July 8, 1985

United States Nuclear Regulatory Comm.
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

License # 21-15723-01

Gentlemen:

In reply to your letter of June 19, 1985 regarding the safety inspection conducted by W.P. Reichhold.

1. Daily constancy checks will include measuring CS-137 on the Tc-99m and Mo-99 settings.

2. We are confused as to the requirements for Xe-133. In item 21, appendix M, we noted in 3A that the seal on the Xenon-133 ampules would only be broken in the imaging area and "thus, no significant leakage is expected in the Hot Lab Area". We, therefore, did not provide airflow measurements for the Hot Lab Area on our facility diagram. We question our being cited for lack of negative airflow in the Hot Lab Area. Weare aware of the fact that NRC Regulatory Guide 10.8 (October 1980) states that areas where Xenon-133 is used and stored should be under negative pressure. However, statements in this Guide are not always incorporated as license conditions. We did not believe this was a condition of our license. More importantly, we did not believe that our approach represented a health safety risk.

We confirm that in the imaging room (see item 11, facility diagram (in license application)) will be maintained under negative pressure by keeping the exhaust fan on continuously.

Please advise us on how to approach the Hot Lab Area. Renovation to insure negative pressure would be quite expensive and perhaps not necessary for good health safety.

Sincerely,

Max Dubrinsky
Excutive Administrator

MD/js

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JUL 18 1985