



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
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December 18, 2007

Steven Gavitt, C.H.P., Director
Bureau of Environmental Radiation Protection
Division of Environmental Health Investigations
New York State Health Department
547 River Street
Troy, NY 12180-2216

SUBJECT: NRC ACCOMPANIMENT FOR CYCLOTRON STATE INSPECTION

Dear Mr. Gavitt:

We very much appreciated the opportunity provided by the New York Bureau of Environmental Radiation Protection for Kathy Modes of my staff to observe Charles Burns and Marvin Spivak of your staff conduct the cyclotron inspections at Cardinal Health in Rochester, New York, on October 6, 2007, and at Columbia University on November 14, 2007, respectively. As you know, NRC has started regulating cyclotron byproducts in some jurisdictions, so the observation of your experienced inspectors will help with developing the NRC inspection plans. In particular, Mr. Burns was very helpful in explaining the operation and safe use of the cyclotron, the problems identified during previous inspections at various institutions, and that our regulatory jurisdiction includes any radiation incidental to the production of radionuclides for commercial or medical purposes. Also, Mr. Spivak shared his insights regarding radioactive effluents from cyclotron operations, controlling or minimizing these emissions, and the proper monitoring to ensure that State permit limits are met.

We look forward to our new regulatory oversight and the continued working relationship between the NRC and the New York State Department of Health.

Thank you once again for sharing your staff's time and knowledge with a member of the NRC.

Sincerely,

/RA by S. Weerakkody Actg For/

Brian Holian, Director
Division of Nuclear Materials Safety

S. Gavitt

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