

Pls file



Northeast Ohio Regional Sewer District

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September 19, 1994

Gary L. Shear, Chief
Fuel Cycle and Decommissioning Branch
U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Road
Lisle, Illinois 60532-3451

VIA TELECOPIER (708) 515-1259

Dear Mr. Shear:

Per your request and to aid in your determination of whether the Nuclear Regulatory Commission will conduct an inspection of the internal operations at the Advanced Medical Systems facility at London Road, we are confirming to you by this letter that the water flow to the London Road interceptor from that facility had changed significantly from the time of your earlier inspection on August 17, 1994, to our most recent investigation of the facility on September 16, 1994.

Specifically, our estimate of their water usage on August 17, 1994 was 4,115 per eight-hour shift, or 12,345 gallons per day (35 sec/5-gal. bucket). On September 16, 1994, we estimate that their water usage has fallen to 3,429 gallons per eight-hour shift or 10,287 gallons per day (42 sec/5-gal. bucket). Coupled with your detection of 35 pCi/liter of Cobalt-60 in the water you collected on August 17, 1994, these data indicate that an inspection of the internal operations would be in order.

This is particularly true in light of your suggestion during our telephone conference that the Cobalt-60 could have been sloughed off from piping within the facility. Inasmuch as the significant difference in water usage could be due to a particular piece of equipment or isolated operation, the source of Cobalt-60 in the Advanced Medical Systems discharge water could be readily narrowed down.

Please call me at (216) 881-6600 if you require any clarification of the above.

Very truly yours,

Thomas E. Lenhart
Assistant General Counsel

SEP 22 1994