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IP-RES-99-004MC
August 13, 1999

Mr. Joseph Marcogliese
New York State Department of Environmental Conservation
Region 3, 5th Floor
200 White Plains Road
Tarrytown, New York 10591-5805

RE: SPDES # NY 0004472

Mr. Marcogliese:

On August 9, 1999, your office was notified of an accidental release of sewage that resulted in a non-compliance of our site SPDES Permit (NY 000 4472). As you requested during our telephone conversation, a followup report is provided herein.

As stated, on August 9, 1999, we reported a release of raw sewage to the discharge canal. This was the result of the warehouse sewage holding pit overflowing into a nearby storm drain which empties into our discharge canal. A similar overflow event from this pit had previously occurred on July 23, 1999.

An investigation into the causes of the overflows revealed that the events were cause by different factors. The July event was determined to be the direct result of a faulty toilet, which has been repaired. August's event has been attributed to increased warehouse facility usage ~~which was not~~ accompanied by an increased pit pumpout frequency.

The overflow condition was found at about 10:30 am and lasted for about 20 minutes until all flow to the pit was secured. Cleanup of any material which had not already reached the storm drain commenced immediately.

The immediate corrective actions taken included cleanup of any material which had not reached the storm drain, securing all warehouse bathroom facilities, and

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having the holding pit pumped out. Water supply to the bathroom facilities has been tagged out and these facilities will remain out of service until the final solution is implemented.

The Authority has determined that three options exist which will resolve this problem. Option one is to maintain the pump pit as a holding tank, with increased pumpout frequency together with installation of a high level alarm. Option two entails replacement of the failed ejector pumps and associated equipment together with reconnection to the site sewage system. Finally, option three calls for the retirement the warehouse lavatories.

Currently, option one has been ruled out and options two and three are undergoing engineering review. Once all the information is compiled, plant management will make a decision on how we will proceed. When the final option is chosen and a schedule set, this information will be forwarded to you.

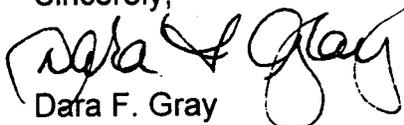
Background Information:

The warehouse sewage system was part of the site sewage system, which is connected to the Village of Buchanan's sewage treatment facility. In 1995, problems with the sewage ejector pumps caused us to inactivate the pumping system. Since then, the ejector pit has been functioning as a sewage holding pit which is routinely pumped out by "honey dippers".

In August of 1998, we discovered and reported that the pit was holding only solids and that the liquid phases had been leaching to the soil. We emptied the pit and performed repairs to ensure its integrity before placing it back in service. It has been in use as a holding tank, ever since.

If you have any additional questions, please contact me at (914) 736-8414.

Sincerely,



Dana F. Gray
Sr. Radiological Engineer

cc: U.S. Nuclear Regulatory Commission - see attached distribution list
Mr. R. Keppel (Indian Point 2, Nuclear Power Plant)

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U.S. Nuclear Regulatory Commission
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