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August 28, 1989  
696-1437

Mr. John B. Martin  
Regional Administrator  
Region V  
U.S. Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, CA 94596

Subject: Submittal of Semiannual Effluent Report  
(2 copies)

Reference: GAC letter 696-677 dated 2/27/76, SNM-696,  
Docket 70-734

Dear Mr. Martin:

In accordance with 10 CFR 70.59, we are transmitting the semiannual effluent report required for the period January 1, 1989, through June 30, 1989. By copy of this letter, six (6) copies of the report are being forwarded to the Director, Office of Inspection and Enforcement, NRC, and one (1) copy is being sent to the State of California, Department of Radiological Health, Sacramento.

Table I lists data on the radiological gaseous and particulate effluent released to unrestricted areas from our facilities handling special nuclear material. The release point descriptions are keyed to the facility names whose relative locations are shown on Figure 1, a plan view of the site. Table II shows the radiological liquid effluent which is released into a 100 million gallon/day regional sewerage treatment plant. Table III contains the non-radiological effluent data taken from our air particulate and HCl sampling points.

The dispersion meteorology of the site was discussed in our first effluent report, referenced above. Certain Table I data used in conjunction with the above referenced meteorology provide the basis for deriving radiological effluent concentrations at the site boundary and nearby vicinity.

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We remain hopeful the information provided is satisfactory to meet the requirements for the now recurrent submission.

Very truly yours,

*Keith E. Asmussen*

Keith E. Asmussen, Manager  
Licensing, Safety and  
Nuclear Compliance

KEA/mk

Attachments:

Table I - Gas & Particulate Effluents - 1/1/89-6/30/89  
Table II - Liquid Effluents - 1/1/89-6/30/89  
Table III - Non-Radiological Effluent Data - 1/1/89-6/30/89

cc: Director (6 copies)  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Mr. J. O. Ward, Chief (1 copy)  
Health & Welfare Agency  
Department of Health  
State of California  
Radioactive Materials Licensing  
714-744 P Street  
Sacramento, CA 95814