

**SIEMENS**

June 7, 2000  
LJM:00:049

Washington State Department of Ecology  
Attn: Mr. Kim H. Sherwood  
Water Quality Division  
15 West Yakima Avenue, Suite 200  
Yakima, WA 98902-3401

Dear Mr. Sherwood:

**Subject: Waste Liquid Effluent Report – May 2000**

Measurements of liquid waste discharges from the Siemens Power Corporation facility to the Richland Municipal Sewerage System are reported herein. All effluent parameters were within Washington State Waste Discharge Permit limits except for a single daily exceedance for nitrate. After being shutdown for three weeks, process waste sewerage from Lagoon 5A resumed on May 25. On May 29, the daily maximum limit for nitrate as nitrogen of 1300 pounds was exceeded at 1327 pounds. The sewerage rate was reduced from 13 gpm to 8 gpm. The cause of the exceedance was an unexpectedly high concentration of nitrate in Lagoon 5A.

Waste discharge records are maintained by Siemens and are available for review at your convenience.

Very truly yours,



L. J. Maas, Manager  
Regulatory Compliance

LJM/pg

Enclosure

cc: S. R. Arlt - Water & Waste Utilities Director, City of Richland  
M. L. St. Martin - City of Richland  
W. Britz - Nuclear Regulatory Commission

**Siemens Power Corporation**

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Richland, WA 99352

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Report No.: 5-00

Report Period: May 1, 2000 through May 31, 2000

## SPC - WASTE EFFLUENT STATION

Parameter Monitored		Daily Average (Limit)	Daily Maximum (Limit)
Flow Volume (gal)		92,214 (400,000)	142,792 (500,000)
NH <sub>4</sub> as N (lb)		4 (80)	13 (125)
NO <sub>3</sub> as N (lb)		310 (1000)	1327 (1300)
Fluoride as F (lb)		50 (2,500)	191 (3,150)
Total Suspended Solids (mg/l)		125 (300)	275 (600)
pH	Average: 7.9 (>6.0)	Minimum: 7.6 (>6.0)	

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