

**Specialty Chemicals**

Honeywell

Route 45 North

P.O. Box 430

Metropolis, IL 62960

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October 30, 2000

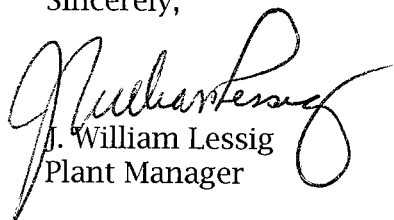
Certified Mail:  
7083-4529**Region III****U.S. Nuclear Regulatory Commission****Office of Inspection and Enforcement****801 Warrenville Road****Lisle, Illinois 60532-4351**

Gentlemen:

Subject: SUB-526  
Docket No. 40-3392

We have enclosed two (2) copies of our "Facility Effluent Report" representing the period of January 1, 2000 to June 30, 2000. Second quarter results were not received from the testing laboratory until mid-October. The laboratory was in the process of relocating to another city. This caused the delay in the issuance of this report.

Sincerely,

  
J. William Lessig  
Plant Manager

JWL/sm

Enclosure: Facility Effluent Report (2)

cc: Director, Nuclear Material Safety & Safeguards  
Nuclear Regulatory Commission  
Washington, D.C. 20555  
Enclosure: 6 copiesR. Boucher - (MEY-4)  
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W. M. Davis  
H. C. Roberts  
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IL Dept. of Nuclear Safety  
1035 Outer Park Drive  
Springfield, IL 62704Ms. Leslie Fields  
Licensing Section 2, Licensing Branch  
Division of Fuel Cycle Safety  
& Safeguards, NMSS  
US Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

## FACILITY EFFLUENT REPORT

### TYPE OF FACILITY:

UF<sub>6</sub> Conversion

### LICENSE:

Source Materials No. SUB-526  
Docket No. 40-3392

### FACILITY ADDRESS:

Honeywell - Metropolis Works  
P. O. Box 430  
Metropolis, IL 62960

### REPORTING PERIOD:

January 1, 2000 - June 30, 2000

### GASEOUS EFFLUENTS:

1. The average release rate for the reporting period =  $5.9E^5$  ACFM.
2. The principle radionuclides released are particulate, oxides and fluorides as follows:

Uranium (Nat.)	=	$7.73E^2$ curies (measured)
Ra <sup>226</sup>	=	$8.31 E^{-6}$ curies (Note 1)
Th <sup>230</sup>	=	$1.30 E^{-4}$ curies (Note 1)

### LIQUID EFFLUENTS:

1. The average release rate for the reporting period = 2354 GPM.
2. The principle radionuclides released are as follows:

Uranium (Nat.)	=	0.45 curies (measured)
Ra <sup>226</sup>	=	$3.81 E^{-3}$ curies (measured)
Th <sup>230</sup>	=	$1.33 E^{-3}$ curies (measured)

### NOTES 1:

Calculated from measured Th<sup>230</sup> and Ra<sup>226</sup> content of the various types of ore concentrates processed during the reporting period. As the ratio from exit points of these nuclides to uranium is assumed to be the same as in the concentrates, this calculation results in conservative (high) reported quantities.