

Specialty Chemicals
Honeywell
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Metropolis, IL 62960

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July 3, 2002

Certified Mail:
2617-0094

040-03392

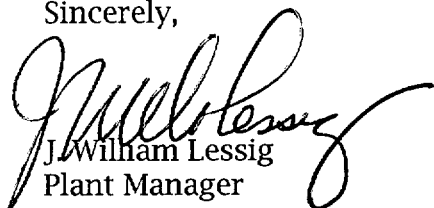
Region III
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
801 Warrenville Road
Lisle, Illinois 60532-4351

Gentlemen:

Subject: SUB-526
Docket No. 40-3392

We have enclosed two (2) copies of our "Facility Effluent Report" representing the period of July 1, 2001 through December 31, 2001.

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 copies

R. Boucher - (MEY-4)
M. L. Shepherd
W. M. Davis
H. C. Roberts
File

ALARA Committee - (RA/BH/GH/BK/DG/JP/NR/DM/MR)

Mr. Steven C. Collins
IL Dept. of Nuclear Safety
1035 Outer Park Drive
Springfield, IL 62704

Mr. John Lusher
Licensing Section 2, Licensing Branch
Division of Fuel Cycle Safety
& Safeguards, NMSS
US Nuclear Regulatory Commission
Washington, D.C. 20555-0001

JUL 18 2002

FACILITY EFFLUENT REPORT

TYPE OF FACILITY:

UF₆ 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:

July 1, 2001 - December 31, 2001

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:

July - December, 2001

Uranium (Nat.)	=	$7.2E^{-2}$ curies (measured)
Ra ²²⁶	=	$9.3 E^{-6}$ curies (Note 1)
Th ²³⁰	=	$1.16 E^{-4}$ curies (Note 1)

LIQUID EFFLUENTS:

1. The average release rate for the reporting period = 2222 GPM.
2. The principle radionuclides released are as follows:

Uranium (Nat.)	=	0.25 curies (measured)
Ra ²²⁶	=	$2.29 E^{-3}$ curies (measured)
Th ²³⁰	=	$5.35 E^{-4}$ curies (measured)

NOTES 1:

Calculated from measured Th²³⁰ and Ra²²⁶ 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.