

Specialty Chemicals
Honeywell
Route 45 north
P.O. Box 430
Metropolis, IL 62960

618-524-2111
618-524-6239 Fax

August 25, 2003

Certified Mail:
7002-2410-0000-7909-8544

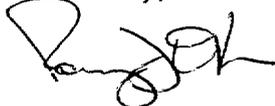
Region III
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
801 Warrenville Road
Lisle, Illinois 60532-4351

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, 2003 through June 30, 2003.

Sincerely,



Rory J. O'Kane
Plant Manager

RJO/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)
D. E. Mays
W. M. Davis
M. E. Ginzal
File

ALARA Committee

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

Mr. John Lusher
US Nuclear Regulatory Commission
Fuel Cycle Licensing Branch
Mail Stop T-8A33
Two White Flint N., 11545 Rockville Pike
Washington, D.C. 20852-2738

Phone: UPS (301-415-7694)

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:

January 1, 2003 - June 30, 2003

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:

January 1 - June 30, 2003

Uranium (Nat.)	=	$6.73E^2$ curies (measured)
Ra ²²⁶	=	$5.82E^6$ curies (Note 1)
Th ²³⁰	=	$1.35 E^4$ curies (Note 1)

LIQUID EFFLUENTS:

1. The average release rate for the reporting period = 2307 GPM.
2. The principle radionuclides released are as follows:

Uranium (Nat.)	=	0.19 curies (measured)
Ra ²²⁶	=	$1.67 E^3$ curies (measured)
Th ²³⁰	=	$4.92 E^3$ 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.

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:

January 1, 2003 - June 30, 2003

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:

January 1 - June 30, 2003

Uranium (Nat.)	=	$6.73E^2$ curies (measured)
Ra ²²⁶	=	$5.82E^6$ curies (Note 1)
Th ²³⁰	=	$1.35 E^4$ curies (Note 1)

LIQUID EFFLUENTS:

1. The average release rate for the reporting period = 2307 GPM.
2. The principle radionuclides released are as follows:

Uranium (Nat.)	=	0.19 curies (measured)
Ra ²²⁶	=	$1.67 E^3$ curies (measured)
Th ²³⁰	=	$4.92 E^3$ 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.