

RAS 10358

RELATED CORRESPONDENCE
WINSTON & STRAWN LLP

35 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60601-9703

43 RUE DU RHONE
1204 GENEVA, SWITZERLAND

BUCKLESBURY HOUSE
3 QUEEN VICTORIA STREET
LONDON. EC4N 8NH

JAMES R. CURTISS
(202) 282-5751
jcurtiss@winston.com

1700 K STREET, N.W.
WASHINGTON, D.C. 20006-3817

(202) 282-5000

FACSIMILE (202) 282-5100

www.winston.com

August 22, 2005

333 SOUTH GRAND AVENUE
LOS ANGELES, CALIFORNIA 90071-1543

200 PARK AVENUE
NEW YORK, NEW YORK 10166-4193

21 AVENUE VICTOR HUGO
75116 PARIS, FRANCE

101 CALIFORNIA STREET
SAN FRANCISCO, CALIFORNIA 94111-5894

DOCKETED
USNRC

August 23, 2005 (8:05am)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

FEDERAL EXPRESS

Lisa B. Clark, Esq.
U.S. Nuclear Regulatory Commission
One White Flint North, Rm. 15-D16
11555 Rockville Pike
Rockville, MD 20852

Lindsay Lovejoy, Jr., Esq.
618 Pasco de Peralta, Unit B
Santa Fe, NM 87501

In the Matter of Louisiana Energy Services, L.P. (National Enrichment Facility)
Docket No. 70-3103

Dear Counsel:

In accordance with 10 C.F.R. 2.705(e), LES is providing the parties with a copy of the following additional material:

LES-06010, which is a redacted and nonproprietary version of LES-PRO-00662, a previously disclosed printout of a spreadsheet used by LES to prepare its cost estimate for commercial near-surface disposal of depleted U₃O₈.

LES-06011, which is a redacted and nonproprietary version of LES-PRO-00778, another previously disclosed printout of the spreadsheet used by LES to prepare its cost estimate for commercial near-surface disposal of depleted U₃O₈.

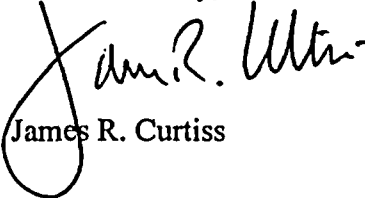
Template = SECY-035

SECY-02

Lisa Clark
Lindsay Lovejoy, Jr.
August 22, 2005
Page 2

Please contact me if you have any questions regarding the document provided herein.

Yours sincerely,



James R. Curtiss

Enclosure: As Stated

cc: Administrative Judge G. Paul Bollwerk, II, Chair
Administrative Judge Paul B. Abramson
Administrative Judge Charles N. Kelber
Office of the Secretary

kg U	kg dUF6	kg U3O8	density	# drums	volume ft3	volume m3	disposal cost	cost/kg U	Notes
110678976	162,763,200	130,210,560	2.7	226,060	1,661,541	47,473	[REDACTED]	[REDACTED]	[REDACTED]
110678976	162,763,200	130,210,560	2.3	206,683	1,519,123	43,404	[REDACTED]	[REDACTED]	[REDACTED]
110678976	162,763,200	130,210,560	4	155,013	1,139,342	32,553	[REDACTED]	[REDACTED]	[REDACTED]
110678976	162,763,200	130,210,560	2.3	269,587	1,981,465	56,613	[REDACTED]	[REDACTED]	[REDACTED]

kg dUF6 produced 162,763,200

* GRAM report shows \$5/ft3 for soil and \$15-\$30/ft3 for LLW debris for Envirocare based on a DOE report to Congress

conversion factors

1MT dUF6 = 0.68 MT U
 0.68 MT U = 0.8 MT U3O8
 1MT dUF6 = 0.8 MT U3O8

drum (gal) = volume ft3 = volume m3
 55 = 7.35 = 0.21

density grout = 2.3 g/cc

Full drum ungrouted U3O8 weight

density g/cc	MT	lbs	kg
1	0.21	463	210
1.5	0.315	695	315
2.3	0.483	1066	483
2.7	0.576	1250	576
3	0.63	1390	630
4	0.84	1852	840

kg U	kg dUF6	kg U3O8	density	# drums	volume ft3	volume m3	disposal cost	cost/kg U	Notes
110678976	162,763,200	130,210,560	2.7	226,060	1,661,541	47,473	[REDACTED]	[REDACTED]	[REDACTED]
110678976	162,763,200	130,210,560	3	206,683	1,519,123	43,404	[REDACTED]	[REDACTED]	[REDACTED]
110678976	162,763,200	130,210,560	4	155,013	1,139,342	32,553	[REDACTED]	[REDACTED]	[REDACTED]

kg dUF6 produced 162,763,200
 [REDACTED] [REDACTED]

* GRAM report shows \$5/ft3 for soil and \$15-\$30/ft3 for LLW debris for Envirocare based on a DOE report to Congress

conversion factors

1MT dUF6 = 0.68 MT U
 0.68 MT U = 0.8 MT U3O8
 1MT dUF6 = 0.8 MT U3O8

drum (gal) = volume ft3 = volume m3
 55 = 7.35 = 0.21

density grout = 2.3 g/cc

Full drum ungrouted U3O8 weight

density g/cc	MT	lbs	kg
1	0.21	463	210
1.5	0.315	695	315
2.7	0.576	1250	576
3	0.63	1390	630
4	0.84	1852	840