

101800-3

070012527904

221AED

Edlow International Company
1666 Connecticut Ave., N.W., Suite 201
Washington, D.C. 20009 U.S.A.
Tel (202) 483-4959
Fax (202) 483-4840
e-mail: info@edlow.com

October 13, 2000

Rec'd
10/18/00

Ms. Gloria Bennington
Division of Safeguards and
Transportation
Mail Stop: O-3 D-13
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Ref: SUMI-SFI-007 Irradiated Reactor Fuel Transport

Dear Ms. Bennington:

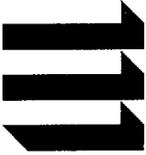
Further to our notification dated August 18, 2000, we are providing additional information for upcoming shipments of irradiated reactor fuel.

The shipments will consist of eight casks from three research reactors in Japan via British Nuclear Fuels plc (BNFL) in England. The fuel departed BNFL on October 9 for delivery directly to the port. The fuel loaded aboard the vessel "Pacific Crane" at the Port of Barrow, England on October 9. The vessel will proceed directly to the Naval Weapons Station Charleston (Weapons Station) in Charleston, SC. Arrival in Charleston is scheduled for October 24, 2000 at about 0500 hours.

Discharge of the loaded casks at the Weapons Station will occur on October 24, 2000. CSX Transportation will then transport the cargo via rail on the same date, in accordance with a NRC approved route, to the Department of Energy, Savannah River Site in Aiken, SC. Arrival at the destination will be on the same date of October 24, 2000.

In the event of changes to the above schedule, we will give your office advanced telephone notification. We confirm that the governor's designee for the State of South Carolina will be notified in accordance with 10 CFR 73.37. Please note that the schedule information contained in this letter must be protected in accordance with the provision of 10 CFR part 73.21.

NMSS05Public



101800-3

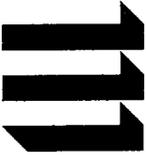
October 13, 2000
Ms. Gloria Bennington
U.S. Nuclear Regulatory Commission
Page Two

Shipper: Edlow International Company for:
Japan Atomic Energy Research Institute
Kyoto University Research Reactor Institute
1666 Connecticut Ave., NW Suite 201
Washington, DC 20009
Franchone Oshinowo (202) 483-4959

Carrier: British Nuclear Fuels plc
Risley Warrington
Cheshire WA3 6AS
Enland
(44 925) 834 595

Carrier: CSX Transportation
500 Water Street
Jacksonville, FL 32202-4467
(904) 359-1765

Receiver: U.S. Department of Energy
Savannah River Site
P.O. Box A
Aiken, SC 29802
(803) 952-4523



October 13, 2000
Ms. Gloria Bennington
U.S. Nuclear Regulatory Commission
Page Three

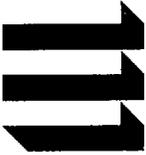
Japan Atomic Energy Research Institute (JMTR)

Shipment Description: (JM-1)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 6,904.62 grams (30 elements)
Weight total Pu: 145.44 grams
Radionuclide: U, Pu, MFP
Activity: 726 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JMS-87Y-18.5T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0401)F-85
Type of Reactor: Research
Original Enrichment: 93% max

Shipment Description: (JM-2)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 6,882.11 grams (30 elements)
Weight total Pu: 144.85 grams
Radionuclide: U, Pu, MFP
Activity: 805 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JMS-87Y-18.5T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0401)F-85
Type of Reactor: Research
Original Enrichment: 93% max



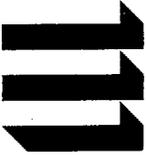
October 13, 2000
Ms. Gloria Bennington
U.S. Nuclear Regulatory Commission
Page Four

Shipment Description: (JM-3)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 6,572.24 grams (30 elements)
Weight total Pu: 161.71 grams
Radionuclide: U, Pu, MFP
Activity: 821 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JMS-87Y-18.5T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0401)F-85
Type of Reactor: Research
Original Enrichment: 93% max

Shipment Description: (JM-4)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 4,658.75 grams (30 elements)
Weight total Pu: 87.20 grams
Radionuclide: U, Pu, MFP
Activity: 493 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JMS-87Y-18.5T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0401)F-85
Type of Reactor: Research
Original Enrichment: 93% max



October 13, 2000
Ms. Gloria Bennington
U.S. Nuclear Regulatory Commission
Page Five

Japan Atomic Energy Research Institute (JRR)

Shipment Description: (JRC-001)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 4,451.00 grams (26 elements)
Weight total Pu: 73.63 grams
Radionuclide: U, Pu, MFP
Activity: 3,892.9 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JRC-80Y-20T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0208/B(U)F-85
Type of Reactor: Research
Original Enrichment: 93% max

Shipment Description: (JRC-001)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 4,451.00 grams (26 elements)
Weight total Pu: 73.63 grams
Radionuclide: U, Pu, MFP
Activity: 3,892.9 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JRC-80Y-20T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0208/B(U)F-85
Type of Reactor: Research
Original Enrichment: 93% max



101800-3

October 13, 2000
Ms. Gloria Bennington
U.S. Nuclear Regulatory Commission
Page Six

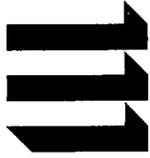
Shipment Description: (JRC-002)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 4,436.28 grams (26 elements)
Weight total Pu: 73.96 grams
Radionuclide: U, Pu, MFP
Activity: 3,951.7 TBq
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JRC-80Y-20T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0208/B(U)F-85
Type of Reactor: Research
Original Enrichment: 93% max

Kyoto University Research Reactor Institute (KURRI)

Shipment Description: (KU-1)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 3,316.69 grams (30 elements)
Weight total Pu: 11.16 grams
Radionuclide: U, Pu, MFP
Activity: 194.23q
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JMS-87Y-18.5T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0558)F-85
Type of Reactor: Research
Original Enrichment: 93% max



101800-3

October 13, 2000
Ms. Gloria Bennington
U.S. Nuclear Regulatory Commission
Page Seven

Shipment Description: (KU-2)

Shipping Name: Radioactive material, fissile, n.o.s., 7
UN ID No.: 2918
Weight U235: 4,122.42 grams (30 elements)
Weight total Pu: 14.21 grams
Radionuclide: U, Pu, MFP
Activity: 216.45q
Physical/Chemical Form: Solid as UAlx Alloy
Package Type: B(U)F (1 x JMS-87Y-18.5T)
Labeled: Radioactive Yellow-III
Transport Index: 0.2
Placarded: Radioactive
U.S. / IAEA Certificate: USA/0558)F-85
Type of Reactor: Research
Original Enrichment: 93% max

If additional data is required, please let us know.

Sincerely,

Franchone Oshinowo
Vice President, Spent Fuel Program