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07001252650y



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: edlowco@aol.com

221AID

#185

L22461

July 11, 1997

Ms. Gloria Bennington
Division of Safeguards and
Transportation
Mail Stop: 0-6 E-6
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Ref: FRR-5 Irradiated Reactor Fuel Transport

Dear Ms. Bennington:

In accordance with CFR Title 10, part 73.37, we hereby make notification to your office of upcoming shipments of irradiated reactor fuel.

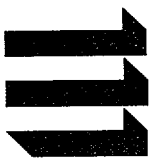
The shipments will consist of seven casks from four research reactors from Europe. The vessel "MS ARNEB" will be utilized for these shipments. The fuel from Sweden will be loaded aboard the vessel at the Port of Walhamn and is scheduled to depart on or about July 22, 1997. The vessel will then proceed to the Port of Bremerhaven to load fuel from Germany on or about July 24. Then, the vessel will proceed to the U.K. to load fuel at the Port of Workington on about July 28. Finally, the vessel will proceed to the Naval Weapons Station (Weapons Station) in Charleston, SC; there will be no intermediate ports of call. The vessel is scheduled to arrive in Charleston on August 15, 1997.

The cargo will be discharged at the Weapons Station on or about August 15, 1997. The cargo will then be transported by CSX Transportation railroad on the same date, in accordance with an NRC approved route, to the Department of Energy, Savannah River Site in Aiken, SC. The cargo is due to arrive at the destination on or about August 15, 1997.

In the event of changes to the above schedule, we will give your office advanced telephone notification. Please note that the schedule information contained in this letter must be protected in accordance with the provision of 10 CFR part 73.21.

NMSS05 Public

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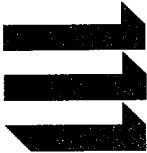
Shipper: Edlow International Company for:
CIEMAT c/o U.K. AEA Technology
Forschungszentrum Geesthacht
Japan Atomic Energy Research Institute
c/o British Nuclear Fuels plc
Studsvik Nuclear AB
1666 Connecticut Ave., NW Suite 201
Washington, DC 20009
N. Ravenscroft or F. Oshinowo (202) 483-4959

Carrier: c/o Nuclear Cargo + Service
Rodenbacher Chaussee 6
Hanau Germany, 63457
(49-61-81) 501-0

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) 952-4244

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CIEMAT

Shipment Description:

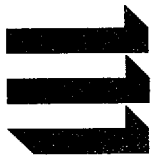
1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 126.72 g (1 element)
4. Radionuclide: U, Pu, MFP
5. Activity: 5.2 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x TN 6/3)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 50
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0533/B(U)F
12. French Certificate: F/239/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 80%

Forschungszentrum Geesthacht

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 1,856.21 g (33 elements)
4. Radionuclide: U, Pu, MFP
5. Activity: 739 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x GNS-11)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 10 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0381/B(U)F-85
12. German Certificate: D/4224/B(U)F-85
13. Type of Reactor: Research
14. Original Enrichment: 93%

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Forschungszentrum Geesthacht

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 3,114.07 g (26 elements)
4. Radionuclide: U, Pu, MFP
5. Activity: 6,208 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x GNS-11)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 10 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0381/B(U)F-85
12. German Certificate: D/4224/B(U)F-85
13. Type of Reactor: Research
14. Original Enrichment: Less than 20% (approx. 19.7%)

Japan Atomic Energy Research Institute

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 6,559.2 g (30 elements)
4. Radionuclide: U, Pu, MFP
5. Activity: 592 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x JMTR)
8. Labeled: Radioactive Yellow-II
9. Transport Index: 0.3
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0411/B(U)F-85
12. Japanese Certificate: J/111/B(U)F-85
13. Type of Reactor: Research
14. Original Enrichment: 93%

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Japan Atomic Energy Research Institute

Shipment Description:

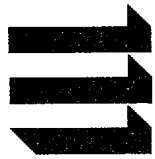
1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 6,678.68 g (30 elements)
4. Radionuclide: U, Pu, MFP
5. Activity: 573 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x JMTR)
8. Labeled: Radioactive Yellow-II
9. Transport Index: 0.3
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0411/B(U)F-85
12. Japanese Certificate: J/111/B(U)F-85
13. Type of Reactor: Research
14. Original Enrichment: 93%

Studsvik Nuclear AB

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 5,959.48 g (64 elements)
4. Radionuclide: U, Pu, MFP
5. Activity: 1,996.1 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x TN 7-2)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 8.3
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0371/B(U)F-85
12. German Certificate: D/4160/B(U)F-85
13. Type of Reactor: Research
14. Original Enrichment: 93%

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Studsvik Nuclear AB
Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 4,628.49 g (48 elements)
4. Radionuclide: U, Pu, MFP
5. Activity: 1,494.2 TBq
6. Physical/Chemical Form: Solid as UAl alloy
7. Package Type: B(U)F (1 x TN 7-2)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 8.3
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0371/B(U)F-85
12. German Certificate: D/4160/B(U)F-85
13. Type of Reactor: Research
14. Original Enrichment: 93%

If additional data is required, please let us know.

Sincerely,

Franchone Oshinowo
Spent Fuel Project Manager