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221AID

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

February 26, 1999

L 22851

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

9/30/99

Ref: FRRX-SFI-9 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 five research reactors in Europe. The countries involved are Sweden, Denmark, and Germany. The vessel "ARNEB" will be utilized for these shipments. The fuel from all facilities will depart on March 8, 1999 for delivery to the port. The fuel from Sweden will be loaded aboard the vessel at the Port of Walhamn, Sweden, which will depart on March 9. The vessel will then proceed to the port of Esbjerg, Denmark where the fuel from three facilities in Germany and one facility in Denmark will be loaded. The vessel is scheduled to sail from Esbjerg on March 10, 1999. The vessel will then proceed directly to the Naval Weapons Station (Weapons Station) in Charleston, SC. The vessel is scheduled to arrive in Charleston on March 30, 1999.

The cargo will be discharged at the Weapons Station on or about March 30, 1999. 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 March 30, 1999.

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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.

Shipper: Edlow International Company for:
FRM, Technical University, Munich
FRJ, Forschungszentrum, Julich
Hahn Meitner Institut
Riso National Laboratory
Studsvik Nuclear AB
1666 Connecticut Ave., NW Suite 201
Washington, DC 20009
Franchone Oshinowo (202) 483-4959

Carrier: ArgoMann Ferry Service GmbH
c/o Nuclear Cargo + Service
Hanau 63434 Germany
(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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FRM, Technical University, Munich
Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 2,945.61 grams (33 elements)
4. Weight total Pu: 25.88 grams
4. Radionuclide: U235, U236, Np237, Pu239, Pu241, MFP
5. Activity: 1,730 TBq
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (1 x GNS-16)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 2 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0551/B(U)F
12. Type of Reactor: Research
13. Original Enrichment: 93% max

FRJ, Forschungszentrum, Julich
Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 2,328.07 grams (28 elements)
4. Radionuclide: U235, U236, Np237, Pu241, Pu239 MFP
5. Activity: 4,331.63
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (1 x GNS-11)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 2 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0381/B(U)F
12. Type of Reactor: Research
13. Original Enrichment: 80.13% max

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RISO

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 2,835 grams max (30 elements)
4. Radionuclide: U235, U236, Np237, Pu241, Pu239, MFP
5. Activity: 2,574.8 TBq
6. Physical/Chemical Form: Solid as U3Si2 alloy
7. Package Type: B(U)F (1 x IU-04)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 1 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0100/B(U)F
12. French Certificate: F/007/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 19.77% max

RISO

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 2,835 grams max (30 elements)
4. Radionuclide: U235, U236, Np237, Pu241, Pu239, MFP
5. Activity: 2,010.3 TBq
6. Physical/Chemical Form: Solid as U3Si2 alloy
7. Package Type: B(U)F (1 x IU-04)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 1 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0100/B(U)F
12. French Certificate: F/007/B(U)F
13. Type of Reactor: Research
14. Original Enrichment: 19.77% max

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Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 2,267.62 grams (29 elements)
4. Radionuclide: U235, U236, Np237, Pu241, Pu239 MFP
5. Activity: 7,799 TBq
6. Physical/Chemical Form: Solid as UAlx alloy
7. Package Type: B(U)F (1 x GNS-11)
8. Labeled: Radioactive Yellow-III
9. Transport Index: 2 (estimated)
10. Placarded: Radioactive
11. U.S. / IAEA Certificate: USA/0381/B(U)F
12. Type of Reactor: Research
13. Original Enrichment: 93% max

Studsvik

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 9,115 grams (64 elements)
4. Radionuclide: U235, U236, Np237, Pu241, Pu239, MFP
5. Activity: 9,065 TBQ max
6. Physical/Chemical Form: Solid as U3Si2 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
12. Type of Reactor: Research
13. Original Enrichment: 20% max

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Studsvik

Shipment Description:

1. Shipping Name: Radioactive material, fissile, n.o.s., 7
2. UN ID No.: 2918
3. Weight U235: 6,758 grams (48 elements)
4. Radionuclide: U235, U236, Np237, Pu241, Pu239, MFP
5. Activity: 8,079 TBQ max
6. Physical/Chemical Form: Solid as U3Si2 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
12. Type of Reactor: Research
13. Original Enrichment: 20% max

If additional data is required, please let us know.

Sincerely,



Franchone Oshinowo
Vice President