

Attachment C

Off-Site Radiation Dose Assessment for
January 1 - July 1, 1994

annual.efl

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PRAIRIE ISLAND NUCLEAR GENERATING PLANT
NORTHERN STATES POWER

Period: 1-1-94 to 7-1-94
License No. DPR-42/60

**EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS**

**A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL
(NOT IRRADIATED FUEL)**

1. Solid Waste Total Volumes and Total Curie Quantities:

TYPE OF WASTE	UNITS	6 MONTH PERIOD TOTALS (0.00 E00)	EST. TOTAL ERROR, % (0.00 E00)	CONTAINER DISPOSAL VOL (ft ³) (LIST)
A. Resins	m ³	<u>9.0E+00</u>		<u>183.3</u>
	ft ³	<u>3.19E+02</u>		<u>135.8</u>
	Ci	<u>2.93E+02</u>	<u>2.5E+01</u>	
B. Dry-Compacted	m ³	<u> </u>		<u> </u>
	ft ³	<u> </u>		<u> </u>
	Ci	<u> </u>	<u> </u>	<u> </u>
C. Non-Compacted	m ³	<u> </u>		<u> </u>
	ft ³	<u> </u>		<u> </u>
	Ci	<u> </u>	<u> </u>	<u> </u>
D. Filter Media	m ³	<u> </u>		<u> </u>
	ft ³	<u> </u>		<u> </u>
	Ci	<u> </u>	<u> </u>	<u> </u>
S. Other	m ³	<u> </u>		<u> </u>
	ft ³	<u> </u>		<u> </u>
	Ci	<u> </u>	<u> </u>	<u> </u>

NOTE: The solid waste information provided in this report is the volume and activity of the low-level waste leaving the Prairie Island site. No allowance is made for off-site volume reduction prior to burial.

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A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL
(NOT IRRADIATED FUEL) [continued]

2. Principal Radionuclide Composition by Type of Waste:
(Bold letter designation from Page 1)

[illegible]

* = Inferred – Not Measured on Site

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SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

(NOT IRRADIATED FUEL) [continued]

- (Bold letter designation from Page 1)

[illegible]

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**A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL
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3. Solid Waste Disposition:

<u>Number of Shipments</u>	<u>Mode</u>	<u>Destination</u>
2	Truck	Barnwell

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**A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL
(NOT IRRADIATED FUEL) [continued]**

4. Shipping Container and Solidification Method:

No.	Disposal Volume (Ft ³ /m ³)	Activity (Ci)	Type of Waste	Container Code	Solidif. Code
94-09	135.8 / 3.8	289	A	L	N/A
94-10	183.3 / 5.2	4.18	A	L	N/A
TOTALS	2	319.1 / 9.0	293		

CONTAINER CODES: L = LSA
(Shipment type) A = Type A
B = Type B
Q = Highway Route Controlled Quantity

SOLIDIFICATION CODES: C = Cement

TYPES OF WASTE: A = Resins
B = Dry Compacted
C = Non-Compacted
D = Filter Media
S = Spent Fuel

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SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

B. IRRADIATED FUEL SHIPMENTS (DISPOSITION)

<u>Number of Shipments</u>	<u>Mode</u>	<u>Destination</u>
0		

RAIRIE ISLAND NUCLEAR GENERATING PLANT
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**EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS**

C. PROCESS CONTROL PROGRAM CHANGES

TITLE: Process Control Program for Solidification/Dewatering of Radioactive
Waste from Liquid Systems

Current Revision Number: 4

Effective Date: 5/23/91

NOTE:

If the effective date of the PCP is within the period covered by this report, then a description and justification of the changes to the PCP is required (T.S.6.7.A.4). Attach the sidelined pages to this report.

Changes/Justification:

N/A