

PDR - Return 396-55

50-155

PDR
OK

per Hillman



Consumers
Power
Company

General Offices: 212 West Michigan Avenue, Jackson, MI 49201 • (517) 788-0550

[Handwritten signatures]
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DPR-6

February 8, 1982

Director, Division of Safeguards
Office of Nuclear Material Safety
and Safeguards
US Nuclear Regulatory Commission
Washington, DC 20555



DOCKET 50-155 - LICENSE DPR-6 -
BIG ROCK POINT PLANT - REQUEST
FOR FUEL ROD SHIPMENT ROUTING APPROVAL

Consumers Power Company has scheduled a shipment of four irradiated fuel rods from its Big Rock Point Plant at Charlevoix, Michigan to the Argonne National Laboratory, 9700 South Cass Avenue, Argonne, Illinois. This shipment is planned for late March, 1982 and will be made in accordance with the requirements of 10CFR73. Detailed information regarding the fuel rods, shipping cask and routing are attached.

Please notify us as soon as possible of your approval of our shipping route. This shipment is also predicated on NRC issuance of a Certificate of Compliance for the Treat-2 Cask.

DoE
71-5607

[Handwritten signature of Thomas C. Bordine]

Thomas C Bordine
Staff Licensing Engineer

CC Director, Office of Nuclear Reactor Regulation
Administrator, Region III, USNRC
NRC Resident Inspector-Big Rock Point

Attachments (2)

oc0282-0008b142

8209130344 820208
PDR ADDCK 05000155
P PDR

OK to process
20283
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Extended Burnup Demonstration Program - Fuel Rods
DOE Contract - DE-AC02-79ET34006

<u>Fuel Rod No</u>	<u>SNM wt. (gms)</u>	<u>8/1/81 Thermal Power, Watts/hour</u>
*JD100,007	23	10.6
*JD100,008	23	10.9
*JB400,043	23	13.1
*JB400,046	<u>23</u>	<u>13.1</u>
Total	92	47.7

*(Removed from CP Co Bundle G-14
Exxon Nuclear Corporation-Fabricated)

Shipping Cask

Model - General Electric - TREAT-2

Certification - DOE (USA/5607/BF DOE-CORO)

NRC Certification of Compliance - Pending NRC Approval

Gross Weight < 22,000 Pounds

Cask Shipping Route

Leave-Big Rock Point Charlevoix, Michigan on 3/*/82	Route	Direction	Route	Miles (Distance)	Hours (Time)
	US-31	North to	M-68	15	0.5
	M-68	East to	I-75	19	0.6
	I-75	South to	US-27	60	1.2
	US-27	South to	US-127	120	2.5
	US-127	South to	I-69	13	0.5
	I-69	South to	I-94	44	1.0
	I-94	West to	I-80	120	2.5
	I-80	West to	I-55	41	1.0
	I-55	North to	ANL	25	0.8
			Total	457 miles	10.6 Hours

Arrive-Argonne National
Laboratory (ANL)
3/*/82

Heavily Populated Areas Are:

US27 - US127 - Lansing, Mich.
I-94 - Kalamazoo, Mich.
I-80 - Northwestern, Ind.
I-80 - I-55 - Chicago, Ill.

*Specific Schedule - Proprietary

Escort Information:

Escorted by: Burns International Security Services

Number: Two vehicles

Armament: 1 38-Caliber revolver & 1 12-gauge shotgun in each escort vehicle

Vehicle Communications: Escort vehicles & Transporter Tractor will have both CB Radio and Radiotelephone

Communications Center: Operations Central Dispatch - Tri-State Motor Transit, Joplin, Missouri

Safety Device: Tractor will be equipped with an immobilization device.

Docket No. 50-155
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"SAFEGUARDS AMENDMENTS"

MC # _____

SG # _____

MCL# _____

PSL# _____

William O. Miller
License Fee Management Branch
Office of Administration

MATERIALS SAFEGUARDS AMENDMENT CLASSIFICATION

Applicant CONSUMERS POWER COMPANY, JACKSON, MICHIGAN

License No: DPR-6 Fee Category: FEE

Application Dated: FEB. 8, 1982 Received: FEB 12, 1982

Applicant's Fee Classification: FEE

The above application for amendment has been reviewed by the NMSS' Division of Safeguards in accordance with Section 170.31 of Part 170 and is classified as follows:

1. Safeguard amendments to licenses in fee Categories 1A through 1H

(a) Major Safeguards

(b) Minor Safeguards

(c) Safeguards (Categories 1D through 1G only)

(d) Administrative

2. Justification for reclassification: _____

3. The application was filed (a) _____ pursuant to written NRC request and the amendment is being issued for the convenience of the Commission, or (b) Other (State reason): _____

Signature: Charles R. Hillman

Division of Safeguards, NMSS

Date: February 16, 1982