

FCUP:KKK
70-3002
SNM-1949

JUL 10 1985

Duke Power Company
ATTN: Mr. Hal B. Tucker, Vice President
Nuclear Production
P.O. Box 33189
Charlotte, North Carolina 28242

Gentlemen:

Enclosed is the Nuclear Regulatory Commission (NRC) License No. SNM-1949 which authorizes the receipt, possession, inspection, and storage of uranium enriched in the U-235 isotope contained in fuel assemblies and fission chambers. This license authorizes the storage of fuel assemblies in their shipping containers, in the New Fuel Storage Vault, and in the Spent Fuel Storage Facility. In addition, the license authorizes the receipt, possession, inspection, use, and storage of a Pu-Be neutron source. All materials are for use at the Catawba Nuclear Station, Unit 2.

The license also authorizes the packaging of fuel assemblies for delivery to a carrier for transport. This latter authority enables you to return damaged fuel assemblies to another location, e.g., return to the manufacturer. The delivery of the assemblies to a carrier must be in accordance with 10 CFR Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions," copy enclosed. In this regard, your attention is directed to 10 CFR 71.12(b) which provides a general license under specified conditions for the use of certain shipping packages which have been licensed for use by another licensee.

Also enclosed are six copies of Amendment No. 5 to Indemnity Agreement No. B-100, for your review and acceptance. Please return one signed copy.

The NRC uses an electronic data processing system to record the location, by licensee, of special nuclear material. This system uses a 3-letter Reporting Identification Symbol (RIS) to identify licensees who submit the material transfer reports and periodic material status reports in accordance with 10 CFR 70.53 and 70.54 of the Commission's regulations. For this purpose, you should use the following RIS:XNE, previously assigned to you. This symbol is to be used in completing the transfer reports and the periodic material status reports and should be used in any other correspondence with the NRC relative to such reports. You should also note the requirements of 10 CFR 70.51(b), (c), and (d) regarding records, material control and accounting procedures, and physical inventories. Your cooperation is appreciated.

Your application for a license requested an exemption from the provisions of 10 CFR 70.24. Such an exemption would relieve you from the requirement of having a criticality alarm system. Because of the inherent features associated

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with the storage and inspection of unirradiated fuel, sealed detectors, and Pu-Be source, you have shown good cause for being granted the exemption. The Commission has determined that such an exemption is authorized by law, will not endanger life or property or the common defense and security and is otherwise in the public interest.

This license is issued following preparation of an Environmental Assessment related to the proposed action. Based on this Assessment, a Finding of No Significant Impact has been prepared and approved pursuant to 10 CFR Part 51.

Copies of this Finding, which was published in the Federal Register on April 30, 1985, and the supporting Environmental Assessment are enclosed. Also enclosed is our Safety Evaluation Report in support of this license.

Sincerely,

Original Signed By:

W. T. Crow

W. T. Crow, Acting Chief
Uranium Fuel Licensing Branch
Division of Fuel Cycle and
Material Safety, NMSS

Enclosures:

1. Material License No. SNM-1949
2. 10 CFR Part 71
3. Amendment No. 5 to
Indemnity Agreement No. B-100
4. Finding of No Significant Impact
5. Environmental Assessment
6. Safety Evaluation Report

DISTRIBUTION

Docket Nos. 70-3002	GBennington, SGMT	KJabbour, NRR	KKodali
50-414	WBrown, SGFF	RFonner, ELD	Region II
NMSS R/F	DWeiss, LFMB	GJohnson, ELD	LCobb, IE
FCUP R/F	SHO	JSaltzman, SP	PDR
VLTharpe	PSkinner, Sr. Res. Insp.	NKetzlach	

*See previous concurrence sheet

OFC: FCUP*	: FCUP	: FCUF*	: FCUF	: NRR	: ELD	: ELD*
NAME: KKodali/as:	NKetzlach:	VLTharpe	: WTCrow	: KJabbour	: RFonner	: GJohnson
DATE: 7/08/85	: 7/10/85	: 7/08/85	: 7/10/85	: 7/10/85	: 7/10/85	: 7/08/85
OFC: SP	: SG*	:	:	:	:	:
NAME: JSaltzman:	WBrown	:	:	:	:	:
DATE: 7/10/85	: 7/09/85	:	:	:	:	:

OFFICIAL RECORD COPY

with the storage and inspection of unirradiated fuel, sealed detectors, and Pu-Be source, the NRC staff has determined that you have shown good cause for being granted the exemption and that such an exemption, which is authorized by law, will not endanger life or property or the common defense and security and is otherwise in the public interest.

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OFC: FCUP	:FCUP	:FCUF	:FCUF	:NRR	:ELD	:ELD
NAME:KKodali/as:NKetzlach:VLTharpe:WTCrow	:KJabbour	:RFonner	:GJohnson			
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NAME:JSaltzman:WBrown	:	:	:	:	:	:
DATE:7/ /85	:7/9/85	:	:	:	:	:

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