

Docket No. 50-289

FEB 8 1974

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Metropolitan Edison Company  
ATTN: Mr. John G. Miller,  
Vice President  
P. O. Box 542  
Reading, Pennsylvania 19603

Gentlemen:

Because we are starting to issue operating licenses with broad possession and use limits on radioactive materials, we request that you provide us with the enclosed information by February 28, 1974. Enclosure 1 contains the proposed modification to the standard operating license for your information. Enclosure 2 contains the additional information we are requesting of applicants prior to licensing. Enclosure 3 contains a sample addition to the Technical Specifications which will be required as Appendix A to the operating licenses.

Sincerely,

Original Signed by  
Albert Schwencer

A. Schwencer, Chief  
Light Water Reactors Br. 2-3  
Directorate of Licensing

Enclosures:  
As Stated

cc: George F. Trowbridge, Esquire  
Shaw, Pittman, Potts & Trowbridge  
910 17th Street, NW  
Washington, D. C. 20006

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OFFICE	LWR 2-3	L:CALWR 2-3					
SURNAME	RMBernero:knf	ASchwencer					
DATE	2/7/74	2/7/74					

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ENCLOSURE 1  
MODIFICATION TO STANDARD LICENSE

Substitute in standard license form (RPOP 511) the following in lieu of paragraphs B.(2), B.(3) and B.(4):

- B. (2) Pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess and use at any time any byproduct, source and special nuclear material as reactor fuel, sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required for reactor operation;
- (3) Pursuant to the Act and 10 CFR Part 30 to receive, possess and use at any time 100 milligrams each of any byproduct material without restriction to chemical or physical form, for sample analysis or instrument calibration;
- (4) Pursuant to the Act and 10 CFR Parts 40 and 70 to receive, possess and use at any time 100 milligrams each of any source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration.

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POOR ORIGINAL

ENCLOSURE 2

ADDITIONAL INFORMATION REQUESTED

1. Materials Safety Program

Describe the program which will be implemented to assure the safe storage, handling and use of sealed and unsealed special nuclear, source and byproduct materials. Sections of the FSAR may be referenced to the degree they are applicable.

2. Facilities and Equipment

Describe the laboratory facilities and equipment such as hoods, glove boxes, filters, survey and measuring instruments, and monitoring devices. Sections of the FSAR may be referenced to the degree they are applicable.

3. Personnel and Procedures

Describe the experience and qualifications of the key personnel responsible for handling and monitoring the materials. Identify and summarize the content of the radiation safety instructions to working personnel appropriate to the operations to be covered. Sections of the FSAR may be referenced to the degree they are applicable.

4. Required Materials

Provide a listing of isotope, quantity, form and use for all required byproduct, source and special nuclear materials which exceed the following limits:

<u>Material</u>	<u>Form and Use</u>	<u>Possession Limit</u>
A. Any byproduct, source and special nuclear material.	As reactor fuel; as sealed neutron sources for reactor start up; as sealed sources for reactor instrument and radiation monitoring equipment calibration; and as fission detectors.	As required for reactor operation
B. Any byproduct, source or special nuclear material.	Any form for sample analysis or instrument calibration.	100 millicuries each isotope; any byproduct material 100 milligrams of isotope; any source or special nuclear material.

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REPORTING REQUIREMENTS

SEMI-ANNUAL OPERATING REPORTS

Operations Summary

Results of required leak tests performed on sources if the tests reveal the presence of 0.005 microcurie or more of removable contamination.

RECORDS RETENTION

A complete inventory of radioactive materials in possession shall be maintained current at all times.

Records required to be maintained for five years:

1. Test results, in units of microcuries, for leak tests performed pursuant to Specification \_\_\_\_\_.
2. Record of annual physical inventory verifying accountability of sources on record.

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