



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 16, 1997

50-356

Mr. Richard L. Holm
Reactor Administrator
Radiation Science Laboratory
University of Illinois at Urbana-Champaign
214 Nuclear Engineering Laboratory
103 South Goodwin Avenue
Urbana, Illinois 61801-2984

SUBJECT: ORDER TERMINATING FACILITY OPERATING LICENSE NO. R-117 - UNIVERSITY
OF ILLINOIS AT URBANA-CHAMPAIGN LOW POWER REACTOR ASSEMBLY
(TAC NO. M98404)

Dear Mr. Holm:

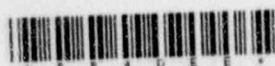
The U.S. Nuclear Regulatory Commission (NRC) has issued the enclosed Order (Enclosure 2) terminating Facility Operating License No. R-117 for the University of Illinois at Urbana-Champaign's Low Power Reactor Assembly (LOPRA) in accordance with your application dated February 10, 1995, as supplemented on April 24, 1995; October 2, 1996; and April 15, 1997.

As part of this license termination, the NRC has granted at your request, in accordance with 10 CFR 50.12, a specific exemption (Enclosure 3) to the part of the requirements in 10 CFR 50.82(b)(6) that requires as a condition of license termination a terminal radiation survey and associated documentation to demonstrate that the facility and site are suitable for release. As discussed in your decommissioning plan and letter of April 15, 1997, the Nuclear Reactor Laboratory in which the LOPRA was housed is also the site of the University of Illinois Advanced TRIGA Reactor (TRIGA) (Docket No. 50-151, Facility License No. R-115) and is a restricted environment. The components and fuel from the LOPRA (byproduct and special nuclear material) were transferred to the TRIGA license during decommissioning. Some components containing byproduct material were subsequently transferred to a University of Illinois byproduct materials license (License IL-01271-01) issued by the State of Illinois to allow the components to be stored at a facility away from the Nuclear Reactor Laboratory. The components and fuel will be maintained for the capability to construct and operate a subcritical assembly as specifically allowed by the current TRIGA license. This order terminating the license does not release the Nuclear Reactor Laboratory and LOPRA components for unrestricted use. The NRC will consider release of the site and facility components at some future time, when the University applies for termination of the TRIGA license.

In connection with termination of the LOPRA license, we are enclosing two copies of Amendment No. 15 to Indemnity Agreement No. E-20 (Enclosure 1). Please sign, date, and return one copy to this office.

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PDR ADOCK 05000356
P PDR

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Richard L. Holm

- 2 -

A copy of the Order and the exemption, which are being sent to the Office of the Federal Register for publication, the safety evaluation, and the environmental assessments associated with this action are enclosed.

Sincerely,

ORIGINAL SIGNED BY

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 50-356

Enclosures:

1. Amendment No. 15 to Indemnity Agreement No. E-20
2. Order Terminating Facility Operating License No. R-117
3. Exemption
4. Safety Evaluation
5. Environmental Assessment Regarding License Termination
6. Environmental Assessment Regarding Exemption

cc w/enclosures:
See next page

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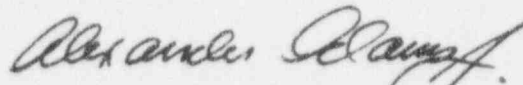
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Richard L. Holm

- 2 -

A copy of the Order and the exemption, which are being sent to the Office of the Federal Register for publication, the safety evaluation (Enclosure 4), and the environmental assessments associated with this action (Enclosures 5 and 6) are enclosed.

Sincerely,



Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 50-356

Enclosures: 1. Amendment No. 15 to
Indemnity Agreement No. E-20
2. Order Terminating Facility
Operating License No. R-117
3. Exemption
4. Safety Evaluation
5. Environmental Assessment Regarding License Termination
6. Environmental Assessment Regarding Exemption

cc w/enclosures:
See next page

University of Illinois

Docket Nos. 50-151-356

cc:

The Honorable Tod Satterthwaite
Mayor of the City of Urbana
P. O. Bcx 219
Urbana, Illinois 61803

Illinois Department of Nuclear
Safety
Manager, Office of Nuclear
Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62705

Dr. Barclay G. Jones, Head
Department of Nuclear Engineering
University of Illinois at
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Urbana, Illinois 61801-2984



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

Docket No. 50-151

AMENDMENT TO INDEMNITY AGREEMENT NO. E-20
AMENDMENT NO. 15

Effective July 16, 1997, Indemnity Agreement No. E-20, between The Board of Trustees of the University of Illinois and the Atomic Energy Commission, dated October 18, 1962, as amended, is hereby further amended as follows:

Item 2 of the Attachment to the indemnity agreement is deleted in its entirety and the following is substituted therefor:

Item 2-License number or numbers

R-69 (From 12:01 a.m., August 16, 1960, to
12 midnight, July 21, 1969, inclusive)

SNM-1110 (From 12:01 a.m., February 20, 1969, to
12 midnight, July 21, 1969, inclusive)

CPRR-105 (From 12:01 a.m., February 20, 1969, to
12 midnight, July 21, 1969, inclusive)

R-115 (From 12:01 a.m., July 22, 1969)

R-117 (From 12:01 a.m., December 27, 1971, to
12 midnight, July 16, 1997, inclusive)

FOR THE UNITED STATES NUCLEAR REGULATORY COMMISSION

David B. Matthews, Chief
Generic Issues and Environmental
Projects Branch
Division of Reactor Regulation
Office of Nuclear Reactor Regulation

Accepted _____,

By _____
The Board of Trustees of the University of Illinois