

November 4, 2009

Dr. Kenan Unlu, Director
Radiation Science and Engineering Center (RSEC)
Breazeale Nuclear Reactor
University Park, PA 16802-2301

SUBJECT: PENNSYLVANIA STATE UNIVERSITY - ENVIRONMENTAL ASSESSMENT
REGARDING RENEWAL OF FACILITY OPERATING LICENSE NO. R-2 FOR
THE PENN STATE BREAZEALE REACTOR (TAC NO. MC9534)

Dear Dr. Unlu:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact regarding the application submitted by Pennsylvania State University dated December 6, 2005, as supplemented by letters dated October 31, 2008, and April 2, June 11, September 1, and October 21, 2009, for a renewed Facility Operating License No. R-2 for the Penn State Breazeale Reactor. The proposed action would renew Facility License No. R-2 for twenty years from the date of issuance of the renewed license. The enclosed is being forwarded to the Office of the Federal Register for publication.

If you have any questions regarding this review, please contact me at 301-415-2784 or by electronic mail at William.Kennedy@nrc.gov.

Sincerely,

/RA/

William B. Kennedy, Project Manager
Research and Test Reactors Branch A
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-005

Enclosures: As stated
cc w/encls: Please see next page

November 4, 2009

Dr. Kenan Unlu, Director
Radiation Science and Engineering Center (RSEC)
Breazeale Nuclear Reactor
University Park, PA 16802-2301

SUBJECT: PENNSYLVANIA STATE UNIVERSITY - ENVIRONMENTAL ASSESSMENT
REGARDING RENEWAL OF FACILITY OPERATING LICENSE NO. R-2 FOR
THE PENN STATE BREAZEALE REACTOR (TAC NO. MC9534)

Dear Dr. Unlu:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact regarding the application submitted by Pennsylvania State University dated December 6, 2005, as supplemented by letters dated October 31, 2008, and April 2, June 11, September 1, and October 21, 2009, for a renewed Facility Operating License No. R-2 for the Penn State Breazeale Reactor. The proposed action would renew Facility License No. R-2 for twenty years from the date of issuance of the renewed license. The enclosed is being forwarded to the Office of the Federal Register for publication.

If you have any questions regarding this review, please contact me at 301-415-2784 or by electronic mail at William.Kennedy@nrc.gov.

Sincerely,

/RA/

William B. Kennedy, Project Manager
Research and Test Reactors Branch A
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-005

Enclosures: As stated
cc w/encls: Please see next page

DISTRIBUTION:

PUBLIC RidsNrrDpr RidsNrrDprPrtb RidsNrrDprPrtb
RidsNrrDprPrtb GHill(2) WKennedy, NRR DPR/PRT r/f
GLappert, NRR

ACCESSION NO.: ML092321061

| OFFICE | PRTA/PM | PRTA/LA | DLR/RERB/BC | OGC | PRTA/BC | PRTA/PM |
|--------|--------------|--------------|--------------|------------|------------------|--------------|
| NAME | WKennedy wbk | GLappert gkl | Almboden asi | Uttal NLO | LTran for KBrock | WKennedy wbk |
| DATE | 10/5/2009 | 10 /6/2009 | 10/20/2009 | 10/30/2009 | 11/4/2009 | 11/4/2009 |

Pennsylvania State University

Docket No. 50-005

cc:

Mr. Eric J. Boeldt, Manager of
Radiation Protection
The Pennsylvania State University
304 Old Main
University Park, PA 16802-1504

Dr. Eva J. Pell
Vice President and Dean
of the Graduate School
The Pennsylvania State University
304 Old Main
University Park, PA 16802-1504

Director, Bureau of Radiation Protection
Department of Environmental Protection
P.O. Box 8469
Harrisburg, PA 17105-8469

Test, Research, and Training
Reactor Newsletter
University of Florida
202 Nuclear Sciences Center
Gainesville, FL 32611