

October 5, 2005

Dr. William A. Baeslack, III  
Dean, College of Engineering  
142A Hitchcock Hall  
The Ohio State University  
2070 Neil Avenue  
Columbus, OH 43210

SUBJECT: OHIO STATE UNIVERSITY - EMERGENCY PLAN CHANGES FOR THE OHIO  
STATE UNIVERSITY RESEARCH REACTOR (TAC NO. MC5122)

Dear Dean Baeslack:

By letter dated November 9, 2004 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML043230322), the Ohio State University (the licensee) submitted proposed changes to the Emergency Preparedness Plan for Facility Operating License No. R-75 for the Ohio State University Research Reactor (OSURR). The licensee stated that the changes do not decrease the effectiveness of the plan.

The U.S. Nuclear Regulatory Commission (NRC, or Commission) staff has reviewed the proposed changes and determined that they do not decrease the effectiveness of the emergency plan and that the plan, as changed, continues to meet the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Appendix E. Therefore, in accordance with 10 CFR 50.54(q), NRC approval of the changes is not required. Implementation of the changes may be subject to future inspection to confirm that they did not decrease the overall effectiveness of your emergency plan.

The NRC staff also reviewed the OSURR Emergency Preparedness Plan as part of the license renewal process. The staff reviewed the OSURR Emergency Preparedness Plan and determined that the plan is in accordance with the following guidance:

NUREG-0849, "Standard Review Plan for the Review and Evaluation of Emergency Plans for Research and Test Reactors;"

NRC Regulatory Guide 2.6, "Emergency Planning for Research and Test Reactors;"

American National Standards Institute (ANSI)-15.16, "Emergency Planning for Research Reactors;" and

NRC Information Notice 97-34, "Deficiencies in Licensee Submittals Regarding Terminology for Radiological Emergency Action Levels in Accordance With the New Part 20."

October 5, 2005

-2-

In accordance with 10 CFR 2.390, a copy of this letter will be placed in the NRC Public Document Room. If you have any questions, please contact me at 301-415-2296.

Sincerely,

***/RA/***

Carl F. Lyon, Project Manager  
Research and Test Reactors Section  
New, Research and Test Reactors Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-150

cc: See next page

In accordance with 10 CFR 2.390, a copy of this letter will be placed in the NRC Public Document Room. If you have any questions, please contact me at 301-415-2296.

Sincerely,

**/RA/**

Carl F. Lyon, Project Manager  
Research and Test Reactors Section  
New, Research and Test Reactors Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-150

cc: See next page

**DISTRIBUTION:**

PUBLIC	RNRP/R&TR r/f	MVoth	WKennedy	BThomas
TDragoun	MMendonca	AAdams	FLyon	DHughes
WBeckner	OGC	EHylton	FGillespie	KWitt
CBassett	DMatthews	DHarrison	WSchuster	PYoung
WEresian	Plsaac	GHill (2)	PDoyle	DJohnson
EWeiss				

**ADAMS ACCESSION NO.: ML052560604**

**TEMPLATE No.: NRR-106**

\*SE dated 7/25/05

OFFICE	PM:RTR	LA:RTR	SC:EPD	OGC	SC:RTR
NAME	FLyon	EHylton	EWeiss*	JZorn	BThomas
DATE	9/15/05	9/15/05	7/25/05	9/20/05	10/5 /05

**OFFICIAL RECORD COPY**

Ohio State University

Docket No. 50-150

cc:

Ohio Department of Health  
ATTN: Radiological Health  
Program Director  
P.O. Box 118  
Columbus, OH 43216

Ohio Environmental Protection Agency  
Division of Planning  
Environmental Assessment Section  
P.O. Box 1049  
Columbus, OH 43216

Mr. Richard D. Myser  
Reactor Operations Manager  
Engineering Experiment Station  
The Ohio State University  
142 Hitchcock Hall  
Columbus, OH 43210

Mr. Andrew Kauffman  
Associate Director  
Nuclear Reactor Laboratory  
The Ohio State University  
1298 Kinnear Rd.  
Columbus, OH 43210

Dr. William Vernetson  
Director of Nuclear Facilities  
Department of Nuclear  
Engineering Science  
University of Florida  
202 Nuclear Sciences Center  
Gainesville, FL 32611