

April 20, 2010

Mr. Ralph Butler, Director
Research Reactor Center
University of Missouri-Columbia
Research Park
Columbia, MO 65211

SUBJECT: UNIVERSITY OF MISSOURI, COLUMBIA — REQUEST FOR ADDITIONAL
INFORMATION RE: LICENSE RENEWAL, NATIONAL HISTORIC
PRESEVATION ACT (TAC NO. MD3034)

Dear Mr. Butler:

We are continuing our review of your application regarding the license renewal of Amended Facility Operating License No. R-103 for the University of Missouri - Columbia Research Reactor which you submitted on August 31, 2006, as supplemented. During our review of your license renewal application, questions have arisen for which we require additional information and clarification. Please provide responses to the enclosed request for additional information within 30 days of the date of this letter. Following receipt of the additional information, we will continue our review of your license renewal application. In accordance with Title 10 of the *Code of Federal Regulations* Section 50.30(b), your response must be executed in a signed original under oath or affirmation.

If you have any questions regarding this review, please contact me at (301) 415-1127.

Sincerely,

/RA/

Alexander Adams, Jr., Senior Project Manager
Research and Test Reactors Licensing Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Docket No. 50-186

Enclosure:
Request for Additional Information

cc w/encl: See next page

University of Missouri-Columbia

Docket No. 50-186

cc:

University of Missouri
Associate Director
Research Reactor Facility
Columbia, MO 65201

Homeland Security Coordinator
Missouri Office of Homeland Security
P.O. Box 749
Jefferson City, MO 65102

Planner, Dept of Health and Senior Services
Section for Environmental Public Health
930 Wildwood Drive, P.O. Box 570
Jefferson City, MO 65102-0570

Deputy Director for Policy
Department of Natural Resources
1101 Riverside Drive
Fourth Floor East
Jefferson City, MO 65101

A-95 Coordinator
Division of Planning
Office of Administration
P.O. Box 809, State Capitol Building
Jefferson City, MO 65101

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

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OFFICE OF NUCLEAR REACTOR REGULATION

REQUEST FOR ADDITIONAL INFORMATION

RE: ENVIRONMENTAL REPORT FOR THE RENEWED

FACILITY OPERATING LICENSE FOR

THE UNIVERSITY OF MISSOURI-COLUMBIA RESEARCH REACTOR

LICENSE NO. R-103; DOCKET NO. 50-186

Pursuant to Title 36 of the *Code of Federal Regulations* Part 800, Section 106 of the National Historic Preservation Act (Section 106), the State of Missouri has determined that renewal of the Facility Operating License R-103 for the Missouri University Research Reactor (MURR) is a project for which a Section 106 review is required. In order for the U. S. Nuclear Regulatory Commission (NRC) to request the State Historical Preservation Office (SHPO) to perform a Section 106 review, we need the following additional information:

1. Please provide the name of the United States Geological Survey (USGS) topological map quadrangle in which MURR is located. Also, for the map you are referencing, please state the year, township, range and section. Please attach a copy of the relevant portion (8½ x 11) of the current USGS 7.5 min. topographic map and, if necessary, a large scale project map. Please do not send an individual map with each structure or site. While an original map is preferable, a good copy is acceptable. USGS 7.5 min. topographic maps may be ordered from Geological Survey and Resource Assessment Division, Department of Natural Resources, 111 Fairground, Rolla, MO 65402, Telephone: (573) 368-2125, or printed from the website <http://www.topozone.com/>.
2. For the MURR facility, please state if the ground involved was graded, built on, borrowed, or otherwise disturbed. If so, please describe in detail and provide photographs, if applicable. If fill material was used, indicate "borrow areas" on the topographic map from which fill material was taken.
3. Please state if you are aware of any archaeological sites on or adjacent to the MURR site. If so, identify them on the topographic map.
4. Please state if the MURR is located in an area previously surveyed for historic properties, or a National Register District, or a local historic district. If so, please provide the name of the survey or district.
5. Please provide photographs of all structures. All photographs should be labeled and keyed to one map of the project area. Photographs must be clear black and white or color photographs on photographic paper, of minimum 3" x 5" size. Polaroids, photocopies, emailed, or faxed photographs are not acceptable. Photographs of neighboring or nearby buildings are also helpful and should be labeled and keyed to one map of the project area.
6. Please provide a brief history of the building(s), including construction dates and building uses.

ENCLOSURE