



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

April 7, 2010

Milford Wayne Donaldson
SHPO
Office of Historic Preservation
Department of Parks & Recreation
P.O. Box 942896
Sacramento, CA 94296-001

SUBJECT: SECTION 106 REVIEW REQUEST

Dear Mr. Donaldson:

The U.S. Nuclear Regulatory Commission (NRC) (Federal Agency) is considering issuance of a renewed Facility Operating License No. R-116 (The Activity), to be held by the University of California Irvine (UCI or the licensee), which would authorize continued operation of the University of California, Irvine Nuclear Reactor Facility (UCINRF), which is a 250 KW research reactor located in Irvine, Orange County, California. The proposed action would renew Facility Operating License No. R-116 for a period of 20 years from the date of issuance of the renewed license.

The research reactor is inside Rowland Hall on the campus of the University of California Irvine, Irvine, Orange County, California. The Irvine Campus of the University of California is located in Orange County, some 40 miles south-east of the center of Los Angeles and is about 4 miles from the Pacific Coast. Situated on slopes at the northern extremity of the San Joaquin Hills, the campus overlooks the Santa Ana basin to the north and the inland end of Newport Bay to the west; higher land of the Hills extends south and east to just over 1000 feet above sea level. The campus has an average elevation of about 100 feet. Rowland Hall has research and teaching laboratories, lecture halls, classrooms, offices and workshops and is located at the North end of Bison Avenue. It is surrounded by similar facilities in the immediate area. Rowland Hall was built in 1967, a period of less than 50 years. The R-116 license was originally issued on November 24, 1969.

The proposed action would allow the research reactor to continue operations as it has been for the past 40 years. The licensee has not requested any changes to the facility design or operating conditions as part of this renewal request. The proposed action will not increase the probability or consequences of accidents. No changes are being made in the types of effluents that may be released off site. There should be no increase in occupational or public radiation exposure. Therefore, license renewal should not change the environmental impact of facility operation.

Rowland Hall



The NHPA requires Federal agencies to consider the effects of their undertakings on historic properties. The National Register of Historic Places (NRHP) lists the closest historical site located approximately 6.6 km (4 Miles) North of Rowland Hall. Given the distance between the facility and the Lighter than Airship Hangers, continued operation of the UCINRF will not impact any historical sites. Based on this information, the NRC finds that the potential impacts of license renewal would have no adverse effect on historic and archaeological resources.

Does the SOHP concur with this assessment or have any other comments or questions?

We ask that you provide any comments concerning this action in writing to me at the address provided above. If you have additional questions or concerns please contact me at (610) 337-5366 or Dennis.Lawyer@nrc.gov.

Thank you for your cooperation.

Sincerely,

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Rowland Hall



The NHPA requires Federal agencies to consider the effects of their undertakings on historic properties. The National Register of Historic Places (NRHP) lists the closest historical site located approximately 6.6 km (4 Miles) North of Rowland Hall. Given the distance between the facility and the Lighter than Airship Hangers, continued operation of the UCINRF will not impact any historical sites. Based on this information, the NRC finds that the potential impacts of license renewal would have no adverse effect on historic and archaeological resources.

Does the SOHP concur with this assessment or have any other comments or questions?

We ask that you provide any comments concerning this action in writing to me at the address provided above. If you have additional questions or concerns please contact me at (610) 337-5366 or Dennis.Lawyer@nrc.gov.

Thank you for your cooperation.

Sincerely,

Original signed by Dennis R. Lawyer

Dennis R. Lawyer
 Health Physicist
 Commercial and R&D Branch
 Division of Nuclear Materials Safety

DOCUMENT NAME: G:\WordDocs\Current\Misc Letter\LOffice of Historic .doc

SUNSI Review Complete: DLawyer

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy ML100980294

OFFICE	DNMS/RI	N	DNMS/RI	DNMS/RI		
NAME	DLawyer DL					
DATE	4/7/2010					

M. Donaldson

4

OFFICIAL RECORD COPY