

TEXAS A&M UNIVERSITY

COLLEGE STATION, TEXAS 77843

(713) 845-2217

2 July 1979

Office of
THE PRESIDENT

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: License Renewal Application for the Texas A&M University
Nuclear Science Center Reactor
License R-83, Docket 50-128

Dear Mr. Reid:

Texas A&M University respectfully submits application for renewal of facility License R-83 for continued operation of the Nuclear Science Center TRIGA pool type reactor. This renewal application is made pursuant to the general requirements of Title 10 Code of Federal Regulations (10CFR) parts, 50, 51, 55 and 73. As outlined in your letter of 25 April 1979 the license renewal application addresses specific items that require review prior to renewal of the license.

The application for license renewal contains the following:

~~1.~~ Three(3) signed and notarized original and nineteen(19) additional copies of renewal application.

→ 2. Three(3) signed and notarized original and six(6) additional copies of Financial Considerations.

~~3.~~ Six(6) copies of the NSC Physical Security Plan (to be withheld from public disclosure pursuant to 10CFR 2.790).

~~4.~~ Nineteen(19) copies of the following:

Safety Analysis Report
Technical Specifications
Environmental Impact Appraisal
Emergency Plan
Operator Requalification Program
SNM Requirements

It is requested that License R-83 be amended in its entirety and that the supporting documents for license renewal supersede previous submittals made to the NRC for amendments to License R-83.

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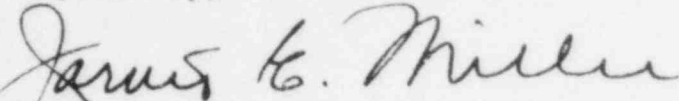
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Mr. Robert W. Reid

Page 2

These documents along with the excellent operating history of the NSCR support the intent and desire of Texas A&M University to continue to operate the reactor in a safe and competent manner and to continue to promote research and education programs through utilization of the reactor facility. These documents also demonstrate that the reactor components and systems will be capable of withstanding prolonged use over the term of the license renewal.

Respectfully,

A handwritten signature in dark ink, appearing to read "Jarvis E. Miller". The signature is fluid and cursive, with the first name "Jarvis" being more prominent and the last name "Miller" following in a similar style. The signature is written over the typed name and title.

Jarvis E. Miller, President
Texas A&M University

836 002

LICENSE RENEWAL APPLICATION
FOR
FACILITY LICENSE R-83
DOCKET NO. 50-128

Name of Applicant: Texas A&M University

Address: College Station, Texas 77843

Name of Reactor: Nuclear Science Center (NSCR)

Description of Applicant's
Business and Administration:

Texas A&M University is a Land Grant University funded by the State of Texas to provide educational and research programs in engineering, the sciences, agriculture and liberal arts. The Nuclear Science Center provides nuclear services for the University and industrial researchers throughout the southwest. The Nuclear Science Center is operated by the Texas Engineering Experiment Station which is a part of the Texas A&M University System.

University Officials
Associated with the
Administration of the
NSCR:

Jarvis E. Miller, President
Texas A&M University

Fred J. Benson, Vice President for
Engineering and Director, Texas
Engineering Experiment Station

R. R. Berg, Director, Office of
University Research and Chairman,
Reactor Safety Board

H. E. Whitmore, Associate Director
Texas Engineering Experiment Station

J. D. Randall, Director
Nuclear Science Center

Class of License:

Class 104C (Research and Utilization Facility)

Use of License:

Renewal of Facility License R-83 required to continue operation of the 1 Mw TRIGA Research Reactor of the Nuclear Science Center for education, training, research and industrial services.

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Duration of License: 20 years

Other NRC Licenses
Associated with the
Nuclear Science Center
Reactor:

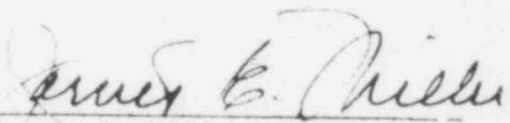

SNM 15-18

Financial Qualifications: See Attachment I

Supporting Documents:

- Safety Analysis Report
- Technical Specifications
- Environmental Impact Appraisal
- Emergency Plan
- Physical Security Plan
- Operator Requalification Program
- SNM Requirements

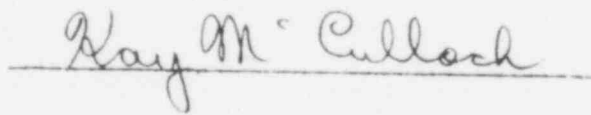
I hereby certify the above statements to be true and correct to the best of my knowledge and belief.


 Jarvis E. Miller, President
Texas A&M University

Subscribed to and before me on this date July 3, 1979,

Notary Public in and for Brazos County,

Texas



My commission expires May 20, 1980.

836 004

Attachment I - Financial Considerations
to
LICENSE RENEWAL APPLICATION
FOR
FACILITY LICENSE R-83
DOCKET NO. 50-128

Texas A&M University, to whom Facility License No. R-83 is issued, is a state supported University, funded primarily by state appropriations on a biennium basis as determined by the Texas Legislature. The Texas Engineering Experiment Station, under whose jurisdiction the Nuclear Science Center (the licensed facility) falls, is a part of the Texas A&M University System identified for Legislative appropriation purposes as a separate state agency.

Biennia for appropriation purposes in Texas commence on September 1 of odd years and end on August 31 two years thereafter.

Included as a part of this attachment are the followi

1. A copy of the official financial report for the Texas Engineering Experiment Station for the fiscal year ending August 31, 1978 on which is highlighted the entry which reflects the portion of the Nuclear Science Center expenditures funded from State General Revenue monies.
2. A copy of the Texas Engineering Experiment Station portion of the Legislative Appropriation Bill for the biennium ending August 31, 1979 on which is highlighted the line item appropriation for the Nuclear Science Center.
3. A copy of the Texas Engineering Experiment Station portion of the Legislative Appropriation Bill for the biennium commencing September 1, 1979 and ending August 31, 1981 on which is highlighted the line item appropriation for the Nuclear Science Center.

The funds for operating the Nuclear Science Center are obtained primarily from General Revenue monies appropriated by the State supplemented by revenues obtained from University and other users of Nuclear Science Center irradiation services.

The Texas Legislature has not failed to appropriate funds for the operation of the Nuclear Science Center since its initial funding and it is anticipated that appropriations will be forthcoming as long as the operation of the facility serves a purpose deemed beneficial to the people of Texas. Texas A&M expects to continue to seek and to receive funding from the Legislature for this facility as long as the public benefit mentioned above can be demonstrated.

Should it become necessary or appropriate due to either technological, economic or political considerations to shut down the facility, we anticipate seeking all necessary funding to cover costs of deactivation and disposition from the Texas Legislature and/or Federal agencies as may seem appropriate at the time.

836 005

I hereby certify the above statements to be true and correct to the best of my knowledge and belief.

James E. Miller
Jarvis E. Miller, President
Texas A&M University

Subscribed to and before me on this date July 3, 1979,

Notary Public in and for Brazos County,
Texas

Wayne C. Culloch

My commission expires May 20, 1980.

1-836 006