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US Nuclear Regulatory Commission
Document Control Desk
Washington DC 20555-0001
Attention: Michael Balazik, Senior Project Manager

Re: Docket 50-326 R-116 License

Dear Mr. Balazik:

The University of California Irvine hereby requests that license limits for our TRIGA Mark I nuclear reactor facility be established as follows:

- Up to 5.0 kilograms U-235 contained in the form of standard TRIGA fuel elements enriched to less than 20%
- Up to 25 grams of U-235 in the form of fission detectors, fission plates, foils, chemical compounds, or solutions enriched to any enrichment.

In addition we request that the license specify authorization for the following:

Special nuclear material as may be produced by the operation of the facility, and

Special nuclear material as may be received in TRIGA fuel elements that are transferred to our license following utilization in other reactor facilities, provided that the total amount not exceed that authorized as requested above.

The basis for these requests, that represent a modest increase from our current license, is to stay well within sensible safety and security limits, but to allow for very modest expansion of our programs in fissionable materials research, especially related to nuclear security, and other reactor utilization over the next several years. The request also clarifies (relative to our current license) the various forms that the special nuclear material may take at this facility.

I declare under penalty of perjury that the foregoing and the attached are true and correct to my knowledge.

Executed on April 29th 2016

A handwritten signature in black ink that reads "George E. Miller".

Dr. George E. Miller

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NRR