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February 2, 2012

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

**Request additional time to respond to RAI re:  
License Renewal, TAC NO.ME1586, dated  
January 6, 2012**

ATTN: Duane Hardesty

University of Florida Training Reactor (UFTR) – Facility License R- 56, Docket 50-83

Additional time to respond to the latest RAIs is requested due to several reasons:

- (1) UFTR staff has been heavily involved in training and facility refurbishment projects which included a long overdue consolidation of solid reactor waste. This project involved the use of an experienced licensed radioactive waste vendor and had already been planned and budgeted. Implementation of this project resulted in a delay in addressing these RAIs.
- (2) Currently, we have one staff member available to address licensing related work. This individual is working with a small group of Graduate Students to respond to the RAI's.
- (3) re RAI questions 1, 2, and 3. We are reevaluating and will likely redevelop our Ar-41 analysis and methodologies. This will require a complete rewrite of the associated FSAR sections and will likely result in a change to our proposed Technical Specifications as well.
- (4) re RAI questions 4 and 6. We need to reevaluate and redevelop our MHA analysis. Additionally, we need to incorporate the HEU-LEU Conversion SAR material into our final draft SAR. This will require a complete rewrite of the associated SAR sections and has the potential to result in a change to our proposed Technical Specifications as well.
- (5) re RAI question 5. We have a draft response for this RAI being routed internally for review. This will also require rewrite of the associated FSAR sections and therefore we will be unable to meet the requested February 6, 2012 due date.
- (6) re RAI question 7. We are reevaluating and will likely revise our liquid release procedure and ALARA policy. This will also require rewrite of the associated FSAR sections. Additionally, we are evaluating the

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feasibility of a replacement cell air handler system designed to minimize or eliminate chill water condensation runoff which comprises a large majority of the liquid waste produced at the UFTR.

Respectfully, we must request more time for this entire process. We currently anticipate completion of all items should be possible by the end of December 2012. Responses completed in advance of this requested due date will be submitted as partial RAI transmittals following RSRS approval.

Thank you for your patience and consideration.

A handwritten signature in black ink, appearing to read 'Dr. Kelly Jordan', with a large loop at the end.

Dr. Kelly Jordan