

US Nuclear Regulatory Commission  
Washington, DC 20555-0001

50-188

7 October 2019

**Subject: Facility Response to 6/5/2019 Request for Additional Information (Acc. # ML19128A342) and Teleconferences Summary (Acc. # ML19248C834)**

To Whom It May Concern,

On June 5, 2019, the NRC sent another Request for Additional Information (RAI) to the Kansas State University (KSU) nuclear reactor facility (license R-88, docket 50-188) regarding a license amendment request (LAR) originally submitted on April 9, 2012 (Acc. # ML1219A063) to add up to four 12%-loaded fuel elements to the core. Additional discussion regarding the LAR and RAI progress was conducted by teleconference on September 3 and September 16, 2019.

The most recent RAI included a response date of 7 October 2019. At this point, the facility requests additional time to respond. Based on an estimate of time required to complete the RAI, the facility is requesting an extension to 7 January 2020. The additional 90 days will allow for refining simulation models and adequate computation time for benchmarking.

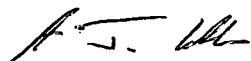
As discussed during the teleconferences (September 3 and September 16, 2019), the facility will administratively impose the following operating restrictions during the LAR review:

1. No reactor operation with core excess reactivity significantly greater than its current value (i.e., more than \$0.15 above the current core excess reactivity), except low power reactor operation that may be necessary to make measurements needed to determine excess reactivity.
2. No reactor operation when the bulk pool temperature is above 50 °C (112 °F).
3. No reactor operation when experiments or other objects are inserted in interstitial flux wire ports in the grid plate and the bulk pool temperature is above 37 °C (98.6 °F).
4. No reactor operation when one or more control rods is inoperable.

Advanced notification to the NRC will be provided if KSU plans to change these operational practices prior to completion of the LAR review.

I swear under penalty of perjury that the foregoing is true and correct.

Regards,



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