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SUBJECT: Forwards response to 900403 request for addl info.

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50-606

April 25, 1990

Alexander Adams, Jr.
Project Manager
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Docket No. 50-606
RE: Response to Request for Additional
Information

Dear Mr. Adams:

Arkansas Tech's response to your request for additional
information dated April 3, 1990 is enclosed.

Sincerely,


Kenneth Kersh

Enclosure

2007 2008 2009 2010

Add: JRR/DLPG/LPEB
4/25/90
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Arkansas Tech University

Docket No. 50-606

cc:

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RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

ARKANSAS TECH UNIVERSITY TRIGA REACTOR FACILITY

DOCKET NO. 50-606

QUALITY ASSURANCE

1. Section 9 of the SAR describes the QA program, and the text of Section 9 quotes and references ANSI-15.8. This does not appear to be the correct reference. Regulatory Guide 2.5, "Quality Assurance Requirements for Research Reactors," endorses ANSI N402-1976, which has the same title. ANSI N402-1976 was also numbered ANS-15.8, and the cross-numbering (ANSI-15.8 instead of ANS-15.8 or ANSI N402-1976) should be eliminated.

The reference to ANSI-15.8 will be deleted and the reference will be changed to the correct ANS-15.8 in the text. The Reference number 2 will be changed to ANS-15.8/ANSI N402-1976.

2. Figure 9.1 shows a Reactor Safety and Utilization Committee, chaired by the Facility Director. Please include a description in the SAR of the authority and responsibility of this committee.

A description of the Reactor Safety and Utilization Committee is given in section 8.1.7. More details may be found in section 6.2 of the Technical Specifications of the Arkansas Tech University TRIGA Reactor.

3. Table 9-1 assigns the responsibility to establish and implement the QA program and identify its scope to the Facility Director or Reactor Supervisor, and it assigns the responsibility for (the resolution of) unresolved issues associated with QA to the Dean of the school of Systems Science or the Head of the Department of Engineering. For the purpose of accountability, each of these responsibilities should be assigned to one individual or the other (position titles are acceptable), and the SAR should be so revised. Other low-level responsibility assignments should also be documented for accountability. While this need not be done in the SAR, there should be commitment in the SAR that this will be done.

Table 9-1 will be revised as shown below.

Table 9-1 Responsibilities and Key Personnel

RESPONSIBILITIES	KEY UNIVERSITY PERSONNEL
1. Establish and Implement Program, Safety-Related Item Identification	Facility Director
2. Unresolved Issues	Dean of the School of Systems Science
3. Delegated Functions	Reactor Supervisor
4. Specialized Functions	Reactor Supervisor

CLIMATOLOGY

1. Page 2-12 of the SAR reports the annual mean daily temperature at Russellville as 73 F. This temperature would seem to be the annual mean daily maximum temperature. Please comment.

The temperature 73 F is the annual mean daily maximum temperature and not the mean daily temperature. This correction will be made on page 2-12 of the SAR.

2. In several places in Section 2 of your SAR, Reference 5, "The Environmental Geology of the Russellville, Arkansas Area," is given as the source of meteorological data. Please verify.

The correct reference for the climatology section is [3], "Arkansas Statistical Abstract", not [5]. This correction will be made in two places on page 2-12. The reference to [5] on page 2-2 and 2-6 will also be changed to [3].