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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

October 9, 1979

Dockets Nos. 50-313
and 50-368

Mr. William Cavanaugh, III
Vice President, Generation
and Construction
P. O. Box 551
Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

By letter dated June 13, 1979, we requested that you submit your solid waste process control program (SWPCP) and Technical Specifications (TS) which address solidification of waste for Arkansas Nuclear One, Unit 1 (ANO-1). In our telephone conversation with your Mr. David Mardis and Mr. Steve Pitzel on July 2, 1979, we indicated that we would address your exceptions concerning TS for solidification which you expressed in your letter dated March 9, 1979.

In your Final Safety Analysis Report (FSAR) for ANO-2 you committed to solidify radioactive waste from Units Nos. 1 and 2 in the plant solid radioactive waste system. We found your system acceptable and this supported the basis for which you were issued an operating license for Unit 2. We do not see the inclusion of TS and a SWPCP in the license to be superfluous and unnecessary. Rather we consider that they should be included to provide assurance of the implementation of your radwaste solidification program and thus to protect the health and safety of the public. We take this position since the NRC is obligated to the states which have burial sites to assure that the solid waste shipped to the burial grounds are of acceptable quality. The TS will provide that assurance.

To assist you in preparing the SWPCP, by letter dated August 6, 1979, we provided you guidance. Also, by letter dated August 6, 1979, we provided a copy of NUREG 0472, Revision 2 which contains example Radiological Effluent TS.

You are requested to submit a SWPCP in accordance with the guidance given in our letter of August 6, 1979 and radwaste solidification for ANO-1 and ANO-2 TS like that indicated in Section 3.11.3.1 of NUREG 0472, Revision 2.

Sincerely,

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

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