



**Entergy
Operations**

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October 4, 1991

1CAN109105

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Technical Specification Change Request
Revised Detail Engineering Calculation:
Auxiliary Building Crane

Gentlemen:

On September 20, 1991, a conference call was conducted between the ANO-1 NRR Project Manager, the NRC Staff Technical Review and members of the ANO Design Engineering and Licensing organization. The purpose of this call was to provide clarifying information with respect to the calculation submitted in Entergy's letter of August 22, 1991 (1CAN089106). This calculation was submitted in support of the ANO-1 Technical Specification Change Request dated June 27, 1991 (1CAN069104). This Technical Specification Change Request would allow an exception to ANO-1 Technical Specification 3.8.15, which currently prohibits the use of the Auxiliary Building crane for spent fuel shipping cask movement. The calculation demonstrates, assuming a failure of the Auxiliary Building crane, that a dropped 17-ton cask with a 28-inch diameter would be supported by the floor slab which the cask will travel over and that the concrete will not spall to cause damage to equipment below the slab.

Based upon this telephone conversation, Entergy Operations has revised calculation 91-E-0094-01 to clarify the points discussed. This revised calculation is attached for your information. Also provided, is a copy of the design data bulletin published by Hexcel, which was utilized in our calculation to predict the energy absorption properties of the crushable material to be placed under the cask if raised greater than 3 inches above the floor. If a different type of material is utilized, an Engineering evaluation will be conducted to assure its energy absorbing properties are equal to or greater than that assumed in calculation 91-E-0094-01.

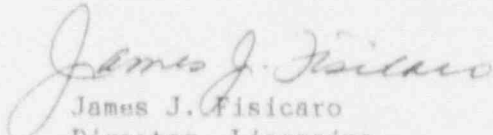
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We trust this additional information will assist you in your review of the Technical Specification Change Request. Should you have any additional questions, please contact my office.

Very truly yours,


James J. Fisicaro
Director, Licensing

JJF/DEJ/sjf
Attachments

cc: Mr. Robert Martin
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OCT 28 '91 11:26 FROM HEXCEL ARLINGTON

TO

15019648679 P.2/2 P.01

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DATE: OCTOBER 25, 1991

ATTN: LORI POTTS

LOCATION:

COMPANY: ENTERGY OPERATIONS, INC.

FAX #:

FROM: KEITH RODGERS/BR *KR*

LOCATION: ARLINGTON SALES

SUBJECT: DATA SHEET (TSB) 122

COVER PLUS: 0 PAGE(S)

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