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Power Generation Group

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File: 582-7108/T4.5

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April 16, 1980

50-313

Mr. Tom Novak
Assistant Director
Operating Reactors Management
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 10555

Dear Mr. Novak:

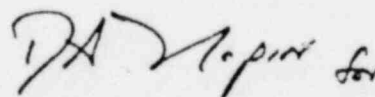
At the close of the B&W Owners' Group ATOG meeting with you and your staff on February 22, 1980, you requested that the Owners' Group begin providing specific ATOG program outputs for staff review.

In response to that request, B&W hereby submits the first of three elements of the program on behalf of the Owners' Group. All items submitted are specific to Arkansas Power and Light ANO-1 unit but are representative of the other owners' products. The submittal includes three (3) copies of each of the documents listed in Attachment 1.

This information is considered privileged and it is hereby requested that it not be subject to the Freedom of Information Act in accordance with 10CFR50 Paragraph 2.790E.

A second submittal will be forwarded to you in early July and will include a copy of the draft Guidelines (Parts I and II) for ANO-1. If I can be of any further assistance, please advise.

Very truly yours,



J. H. Taylor,
Manager, Licensing

JHT:DAN/ryc
Attachments

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ATTACHMENT 1

1. Arkansas Nuclear One Unit 1 Safety Sequence Diagrams (SSD), Revision 0, for the following five initiating events considered in the ATOG Program:

EDS Drawing No.

- | | |
|---------------------------------|------------------|
| a. Loss of Feedwater | EDS-0111-001-002 |
| b. Loss of Offsite AC Power | EDS-0111-011-003 |
| c. Steam Generator Tube Rupture | EDS-0111-011-007 |
| d. Excessive Feedwater | EDS-0111-011-011 |
| e. Small Steam Line Breaks | EDS-0111-011-012 |

2. Arkansas Nuclear One Unit 1 Event Trees developed from the SSD's:

B&W Drawing No.

- | | |
|---------------------------------|------------------|
| a. Loss of Offsite | 1100949F, Rev. 1 |
| b. Excessive Feedwater | 1100902J, Rev. 1 |
| c. Loss of Feedwater | 1100937F, Rev. 1 |
| d. Steam Generator Tube Rupture | 1100960F, Rev. 1 |
| e. Small Steam Line Break | 1100954F, Rev. 1 |

3. Arkansas Nuclear One Unit 1 System Auxiliary Diagrams (SAD), Revision 0, for the following ten systems selected.

EDS Drawing No.

- | | |
|--|------------------|
| a. High Pressure Injection | EDS-0111-011-103 |
| b. Containment Spray | EDS-0111-011-104 |
| c. Auxiliary Feedwater | EDS-0111-011-105 |
| d. Chemical Addition | EDS-0111-011-106 |
| e. Low Pressure Injection | EDS-0111-011-107 |
| f. Containment Coolers | EDS-0111-011-111 |
| g. Containment Isolation | EDS-0111-011-112 |
| h. Reactor Coolant Pressure Control (Pressurizer Heaters and Sprays) | EDS-0111-011-115 |
| i. Turbine Control | EDS-0111-011-113 |
| j. Turbine Bypass and Atmospheric Dumps | EDS-0111-011-114 |

4. Safety Sequence Diagrams and System Auxiliary Diagrams Guideline, Revision 3, for Arkansas Nuclear One Unit 1, providing interpretation of content and direction for their intended use.

5. Event Tree Guidelines including description, bounding assumptions, methodology, and application.