



Entergy
Operations

Entergy Operations, Inc.
Route 3 Box 1375
Russellville AR 72801
Tel 501 964-8888

Neil S. "Buzz" Carns
Vice President
Operations ANO

March 19, 1992

1CAN039208

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
Additional Information for Core Operating
Limits Proposed Technical Specification
Change Request per Generic Letter 88-16
(TAC No. M82123)

Gentlemen:

By letter dated November 7, 1991 (1CAN119102), Entergy Operations proposed to remove cycle specific parameters from the ANO-1 Technical Specifications and place them into a Core Operating Limits Report (COLR). During subsequent conversations with the NRC Staff, a comparison between the Technical Specifications being deleted and the topical reports referenced in section 6.12.3.2 of the proposed technical specification was requested. Attachment 1 is a matrix specifying the topical report methodology which was utilized for each specification being deleted.

During the matrix preparation, it was noted that four NRC approved references associated with the proposed change to the Bases for Technical Specification 3.5.2 should have been included in our initial submittal and one reference was included that did not relate to the ANO-1 specific COLR. Also, reference seven did not reflect the most recently NRC approved revision. Attachment 2 is the revised page of the original ANO-1 Technical Specification change request for section 6.12.3 incorporating these corrections.

The evaluation related to the determination of no significant hazards provided in our original Technical Specification change request (1CAN119102) is not affected by these additional changes. Should you or your staff have any questions regarding this information, please do not hesitate to call.

Very truly yours,

Neil S. Carns

NSC/sjf
Attachments

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PDR ADOCK 05000313
P PDR

AC01

U. S. NRC
March 19, 1992
Page 2

cc: Mr. Robert Martin
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Senior Resident Inspector
Arkansas Nuclear One - ANO-1 & 2
Number 1, Nuclear Plant Road
Russellville, AR 72801

Mr. Thomas W. Alexion
NRR Project Manager, Region IV/ANO-1
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

Ms. Sheri Peterson
NRR Project Manager, Region IV/ANO-2
U. S. Nuclear Regulatory Commission
NRR Mail Stop 13-H-3
One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852

STATE OF ARKANSAS)

SS

COUNTY OF LOGAN)

Affidavit

I, N. S. Carns, being duly sworn, subscribe to and say that I am Vice President, Operations ANO for Entergy Operations, that I have full authority to execute this affidavit; that I have read the document numbered 1CAN039208 and know the contents thereof; and that to the best of my knowledge, information and belief the statements in it are true.

N. S. Carns

N. S. Carns

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for the County and State above named, this 19th day of March, 1992.

Sandy Seidenmergen
Notary Public

My Commission Expires:

May 11, 2000

ATTACHMENT 1

REFERENCES FOR TS SECTION 6.12.3.2

1. Babcock & Wilcox, Topical Report BAW-10122A, Rev. 1, "Normal Operating Controls," May 1984.
2. Babcock & Wilcox, Topical Report BAW-10116-A, "Assembly Calculations and Fitted Nuclear Data," May 1977.
3. Babcock & Wilcox, Topical Report BAW-10117P-A, "Babcock & Wilcox Version of PDQ User's Manual," January 1977.
4. Babcock & Wilcox, Topical Report BAW-10118A, "Core Computational Techniques and Procedures," December 1979.
5. Babcock & Wilcox, Topical Report BAW-10124A, "FLAME 3 - A Three-Dimensional Nodal Code for Calculating Core Reactivity and Power Distributions," August 1976.
6. Babcock & Wilcox, Topical Report BAW-10125A, "Verification of Three-Dimensional FLAME Code," August 1976.
7. Babcock & Wilcox, Topical Report BAW-10119P-A, "Power Peaking Nuclear Reliability Factors," February 1979.

[Methodology for Specifications:

3.5.2.4 (Quadrant Tilt)

3.5.2.5 (Control Rod Positions)

3.5.2.6 (Reactor Power Imbalance)

Note: Specification 3.5.2.5 is applicable to regulating rod positions and axial power shaping rod positions. Applies to references 1-7.]

8. Babcock & Wilcox, Topical Report BAW-10103A, Rev. 3, "ECCS Analysis of B&W's 177-FA Lowered Loop NSS," July 1977.
9. Babcock & Wilcox, Topical Report BAW-10162P-A, "TAC03 Fuel Pin Thermal Analysis Computer Code," November 1989.
10. Babcock & Wilcox, Report BAW-1915PA, "Bounding Analytical Assessment of NUREG-0630 Models on LOCA kW/ft Limits With Use of FLECSET," November 1988.
11. Babcock & Wilcox, Topical Report BAW-10104PA Revision 5, "B&W ECCS Evaluation Model," November 1988.

[Methodology for Specifications:

3.5.2 Bases (LOCA Limited Maximum Allowable Linear Heat Rate figure)

Note: Applies to references 8-11.]