

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9803170386 DOC. DATE: 98/03/09 NOTARIZED: YES DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power 05000397
 AUTH. NAME AUTHOR AFFILIATION
 BEMIS, P.R. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Provides mod to 971204 request for amend to License NPF-21,
 establishing interim SLMCPR for Siemens Power Corp ATRIUM-9X
 fuel applicable to cycle 14 only, as identified by T Huang
 (NRR) during 980211 site visit.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4 + 8
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD4-2 LA	1 1	PD4-2 PD	1 1
	POSLUSNY, C	1 1		
INTERNAL:	ACRS	1 1	<u>FILE CENTER</u> 81	1 1
	NRR/DE/ECGB/A	1 1	NRR/DE/EMCB	1 1
	NRR/DRCH/HICB	1 1	NRR/DSSA/SPLB	1 1
	NRR/DSSA/SRXB	1 1	NUDOCS-ABSTRACT	1 1
	OGC/HDS3	1 0		
EXTERNAL:	NOAC	1 1	NRC PDR	1 1

NOTE TO ALL "RIDS" RECIPIENTS:
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS
 OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL
 DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 14 ENCL 13

C
A
T
E
G
O
R
Y

1

D
O
C
U
M
E
N
T



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • Richland, Washington 99352-0968

March 9, 1998
GO2-98-049

Docket No. 50-397

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: **WNP-2 OPERATING LICENSE NPF-21
REQUEST FOR AMENDMENT OF SLMCPR -
MODIFICATION OF REQUEST**

Reference: Letter GO2-97-219 dated December 4, 1997, P.R. Bemis (Supply System) to NRC Document Control Desk, WNP-2 Operating License NPF-21 Request for Amendment: Minimum Critical Power Ratio Safety Limits

The referenced letter requests a change to the WNP-2 Technical Specifications (Section 2.1.1.2) to establish an interim safety limit (SLMCPR) for Siemens Power Corporation (SPC) ATRIUM-9X fuel applicable to cycle 14 only. Subsequent conversations with T. Huang (NRR) during his visit to WNP-2 on February 11, 1998, identified two additional text changes which should be included with the original amendment request:

- The approved analytical methodologies listed in Technical Specification Section 5.6.5.b do not reflect the necessary support for cycle 14 specific operating limits in Technical Specification Section 5.6.5.a. Accordingly, the Supply System hereby submits an amended list of approved methodologies to update Technical Specification Section 5.6.5.b, and;
- The wording "for all other fuel" in Technical Specification Section 2.1.1.2 should be specific regarding the fuel type. Accordingly, the Supply System has added "for the ABB SVEA-96 fuel".

9803170386 980309
PDR ADDCK 05000397
P PDR



ADD 1/1



REQUEST FOR AMENDMENT OF SLMCPR
MODIFICATION OF REQUEST

Page 2

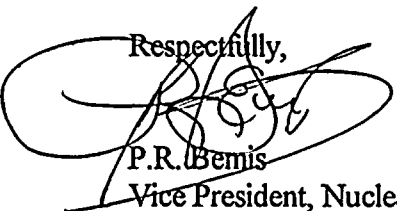
Discussions with T. Huang (NRR) also identified that additional information is necessary to clarify the validity and application of SLMCPR to other than SPC ATRIUM-9X fuel. This information is to be provided to the Supply System by Asea Brown Boveri (ABB) and transmitted to the NRC under a separate cover.

The changes proposed by this letter do not alter the previous conclusion of no significant hazards that were evaluated in accordance with 10CFR50.92(c) and documented in the referenced letter. The revised amendment request has also been evaluated against the criteria for identification of licensing and regulatory actions requiring environmental assessment in accordance with 10CFR51.21. The modified request continues to meet the eligibility criteria for a categorical exclusion as set forth in 10CFR51.22(b). An environmental assessment of the change is not required.

This request for modification of the pending Technical Specification amendment request has been reviewed and approved by the WNP-2 Plant Operations Committee and the Supply System Corporate Nuclear Safety Review Board. In accordance with 10CFR50.91, the state of Washington has been provided a copy of this letter.

Should you have any questions or desire additional information regarding this matter, please contact me or P. J. Inserra at (509) 377-4147.

Respectfully,



P.R. Bemis

Vice President, Nuclear Operations
Mail Drop PE23

Attachments:

1. Resolution to Comments - Cycle 14 Technical Specification SLMCPR Amendment
2. Marked up Technical Specification Pages
3. Revised Technical Specification Pages

cc: EW Merschoff - NRC RIV
KE Perkins, Jr. - NRC RIV, Walnut Creek Field Office
C Poslusny, Jr. - NRR
NRC Sr. Resident Inspector - 927N
DL Williams - BPA/399
PD Robinson - Winston & Strawn
DJ Ross - EFSEC



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

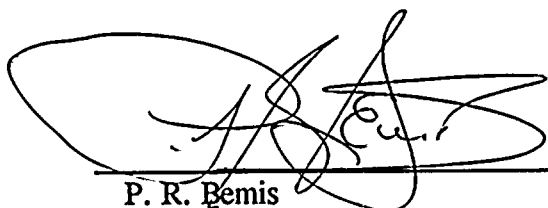
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

STATE OF WASHINGTON)
)
COUNTY OF BENTON)

Subject: Request for Amendment of SLMCPR
Modification of Request

I, P. R. BEMIS, being duly sworn, subscribe to and say that I am the Vice President Nuclear Operations for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have the full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information, and belief the statements made in it are true.

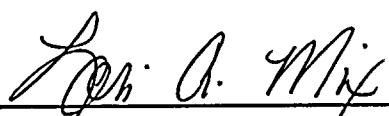
DATE March 9, 1998




P. R. Bemis
Vice President, Nuclear Operations

On this date personally appeared before me P. R. Bemis, to me known to be the individual who executed the foregoing instrument, and acknowledged that he signed the same as his free act and deed for the uses and purposes herein mentioned.

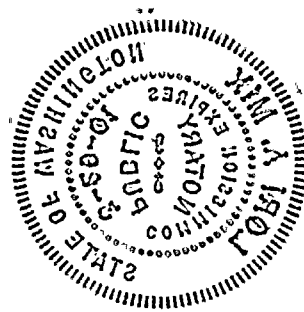
GIVEN under my hand and seal this 9th day of March 1998



Notary Public in and for the
STATE OF WASHINGTON


Residing at St. Richland

My Commission Expires 3-29-01



**REQUEST FOR AMENDMENT
MINIMUM CRITICAL POWER RATIO SAFETY LIMITS
Attachment 1, Page 1 of 1**

**Resolution to Comments
Cycle 14 Technical Specification SLMCPR Amendment**

Comment: It appears that the approved methodologies listed in Technical Specification Section 5.6.5.b do not reflect the necessary support for cycle 14 specific operating limits in Technical Specification Section 5.6.5.a. The list of the approved methodologies should be updated in a timely manner.

Resolution: Reference 2 - Delete letter, R.C. Jones (NRC) to R.A. Copeland (ANF), "NRC Approval of ANFB Additive Constants for ANF 9x9-9X BWR Fuel," dated November 14, 1990. This reference should be removed since the additive constants to which this reference refers were generated without following the procedure outlined in Reference 1 of Technical Specification Section 5.6.5.b.

Reference 4 - Delete XN-NF-85-67(P) (A), Revision 1, "Generic Mechanical Design for Exxon Nuclear Jet Pump BWR Reload Fuel," September 1986. This reference should be removed since there are no SPC 8x8 fuel bundles in the WNP-2 core.

Reference 7 - Delete NEDE-24011-P-A-10-US, "General Electric Standard Application for Reactor Fuel," U.S. Supplement, March 1991. This reference should be removed since it is not being used for any of the analyses supporting the COLR.

Reference 10 - Delete EMF-CC-074 (P) (A), "Volume 1 -- STAIF - A Computer Program for BWR Stability in the Frequency Domain, Volume 2 - STAIF - Computer Program for BWR Stability in the Frequency Domain, Code Qualification Report," July 1994. This reference should be removed since the code is no longer being used to set the stability regions in the COLR.

Comment: The wording "for all other fuel" in Technical Specification Section 2.1.1.2 should be identified more specifically for the fuel type used.

Resolution: Added "for the ABB-SVEA-96 fuel" in place of "for all other fuel" in Technical Specification Section 2.1.1.2 amendment request.

