

RESOLUTION OF COMMENTS BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
ON DRAFT SAFETY EVALUATION FOR TOPICAL REPORT BAW-10247P-A,  
SUPPLEMENT 2P, REVISION 0, "REALISTIC THERMAL-MECHANICAL FUEL ROD  
METHODOLOGY FOR BOILING WATER REACTORS SUPPLEMENT 2:  
MECHANICAL METHODS"

FRAMATOME, INC.

PROJECT NO. 728/DOCKET NO. 99902041

This attachment provides the U.S. Nuclear Regulatory Commission (NRC) staff's review and disposition of the comments made by Framatome Inc. (formerly AREVA Inc.) on the draft safety evaluation for Topical Report BAW-10247P-A, Supplement 2P, Revision 0, "Realistic Thermal-mechanical Fuel Rod Methodology for Boiling Water Reactors Supplement 2: Mechanical Methods."

Page	Line	Proposed Change/Comment	NRC Response
		Please revise the draft safety evaluation to reflect approval of the use of Zry-2 recrystallized material for cladding and Z4B™ material for water channels.	
		Please revise the burnup limitation for fuel assembly growth to be consistent with the additional information to be provided as discussed in the letter accompanying this summary table.	
1	24	Delete highlighted proprietary brackets, information is not proprietary	Brackets used to show inserted material, not proprietary information. Brackets not deleted as suggested in final SE.
2	22	Delete highlighted proprietary brackets, information is not proprietary	Brackets used to show inserted material, not proprietary information. Brackets not deleted as suggested in final SE.
3	5	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
3	26	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
3	29	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
3	34	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.

<b>Page</b>	<b>Line</b>	<b>Proposed Change/Comment</b>	<b>NRC Response</b>
3	35	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
3	39	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
4	1	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
4	30	Delete highlighted proprietary brackets, information is not proprietary	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
4	38	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
4	41	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
5	31 to 34	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
5	36	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
5	39	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
6	15	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
6	39	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
6	42	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
6	43	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
7	1	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
7	8 to 11	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
7	37-38	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.

Page	Line	Proposed Change/Comment	NRC Response
8	17-18	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
8	20-21	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
8	29	Suggest replacing "non-ATRIUM" with "tie rod"	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
8	42	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	1	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	7	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	12	Suggest deleting "ATRIUM type"	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	16	Suggest deleting "ATRIUM type"	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	17-18	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	18-19	Suggest deleting "ATRIUM type"	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
9	20-21	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
10	1-2	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
10	5	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
10	7	Suggest deleting "ATRIUM type"	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
10	8-9	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A1	5-6	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.

<b>Page</b>	<b>Line</b>	<b>Proposed Change/Comment</b>	<b>NRC Response</b>
A1	20	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A3	14-15	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A7	24	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A9	18	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A9	25	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A10	1	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A10	16	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A10	24	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.
A10	26	Highlighted information is proprietary, add proprietary brackets	NRC staff agrees with suggested editorial changes. Final SE modified accordingly.