

**From:** "Tom Thompson" <TThompson@NACINTL.COM>  
**To:** <LRW@NRC.GOV>  
**Date:** 5/7/03 5:34PM  
**Subject:** Comments on the DRAFT NAC-MPC CoC, T.S., and SER

Ray,

As I discussed with you earlier, attached please find the requested list of Review Comments on the subject package of documents - most are of an editorial nature. The comments on the CoC and the SER text are suggestions for enhancing/clarifying those documents.

Also attached is a new pdf containing the Tech Specs, as revised to incorporate our comments. For tomorrow and Friday, if you have any questions or concerns with the changes incorporated, please call Jim Ballowe (678-328-1202), Janet Gay (678-328-1341), or Sue Mountan (678-328-1277). I will be back in the office on Monday, 5/12/03.

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**REVIEW COMMENTS**  
**NAC-MPC DRAFT CoC, Tech Specs, & SER**

<b>Section</b>	<b>Page</b>	<b>Description of Change</b>	<b>Justification for Change</b>
Certificate of Compliance	2	Paragraph 3; line 11: the word 'and' has been added	Editorial
Certificate of Compliance	2	Paragraph 3; line 12: the word 'and' has been deleted; the words 'covered by' have been added	Editorial clarification
Appendix A – Table of Contents	A-2	Last line: 'Table A5-1' has been deleted	Not needed
Appendix A	A1-1	Paragraph 6; line 7: the words 'CY-MPC' have been added; the words damaged fuel can have been changed to all capital letters	Editorial clarification
Appendix A	A1-2	Paragraph 7; lines 2 and 3: spacing adjusted	Administrative
Appendix A	A1-3	Paragraph 7; lines 3 and 4: the words 'during normal and accident conditions of transport' have been deleted	Removed extraneous phrase
Appendix A	A1-4	Paragraph 3; line 11: revision bar added	Editorial
Appendix A	A1-4	Paragraph 5; line 1: revision bar added	Editorial
Appendix A	A1-4	Paragraph 6; line 4: spacing adjusted; revision bar added to entire paragraph	Editorial
Appendix A	A1-6	Paragraph 1; line 2: the word 'lattice' has been changed to all capital letters	Editorial consistency
Appendix A	A3-4	LCO 3.1.1; line 1 of No. 2: the words; 'a minimum of 24 hours of' have been added	Need to define required length of cooling time (based on thermal analyses)
Appendix A	A3-5	LCO 3.1.1; Action A.2.1: the words 'and maintain it for a minimum of 24 hours' have been added	Need to define required length of cooling time (based on thermal analyses)
Appendix A	A3-5	LCO 3.1.1; Action A.2.2: the words 'and maintain it for a minimum of 24 hours' have been added	Need to define required length of cooling time (based on thermal analyses)
Appendix A	A3-7	LCO 3.1.2; SR 3.1.2.1: the word 'Once' has been added; the 'p' in 'prior' has been changed to lower case	Clarification of requirement
Appendix A	A3-8	LCO 3.1.3; SR 3.1.3.1: the word 'Once' has been added; the 'p' in 'prior' has been changed to lower case	Clarification of requirement

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<b>Section</b>	<b>Page</b>	<b>Description of Change</b>	<b>Justification for Change</b>
Appendix A	A3-9	LCO 3.1.4; line 1 of No. 2: the words 'a minimum of 24 hours of' have been added	Need to define required length of cooling time (based on thermal analyses)
Appendix A	A3-10	LCO 3.1.4; Action A.1.1: the words 'and maintain it for a minimum of 24 hours' have been added	Need to define required length of cooling time (based on thermal analyses)
Appendix A	A3-10	Action A.1.2: the words 'and maintain it for a minimum of 24 hours' have been added	Need to define required length of cooling time (based on thermal analyses)
Appendix A	A3-22	LCO 3.2.2; SR 3.2.2.1: frequency line 4: the words ', or at the' have been added	Clarify when the surveillance may be done
Appendix A	A5-4	A 5.5; Paragraph c; line 1: the words 'in the vertical orientation' have been added	Clarify transfer cask lifting requirements
Appendix A	A5-4	A 5.5; Paragraph c; line 4; the sentence 'The TRANSFER CASK is not permitted to be lifted in the horizontal orientation.' has been added	Clarify transfer cask lifting requirements
Appendix A	A5-5	Table A5-1 has been deleted	Not needed. Section A 5.5 includes all of the requirements.
Appendix B	B2-5	Table B2-1; Paragraph G; line 2: the words 'as shown in Figure 12A2-1' have been deleted	Remove the nonrelevant reference
Appendix B	B2-6	Revision bars moved to right-hand side of page	Editorial
Appendix B	B2-8	Table B2-3, Section 2c; line 3: the words 'CY-MPC' have been added; the words 'damaged fuel can' have been changed to all capital letters	Editorial consistency
Appendix B	B2-8	Table B2-3, Section 2c; the words '≤ 674 Watts' have been aligned with the first line of 2c	Editorial
Appendix B	B2-14	Table B2-4; parameter #9: the word 'Maximum' has been added	Editorial for consistency with other table values
Appendix B	B3-2	Space added between paragraphs	Editorial

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Appendix B	B3-5	Table B3-1; last column; line 13: the sentence 'The vent port and drain port cover welds are not pressure tested, but are tested to the leak-tight criteria of ANSI N14.5.' has been added	Clarify weld leak test criteria
Preliminary Safety Evaluation Report	1	2 <sup>nd</sup> paragraph under 'Summary'; line 8: the word 'and' has been deleted; the words 'and maximum burnup' have been added	Editorial suggestion
Preliminary Safety Evaluation Report	2	'Structural Evaluation - Fuel Assembly Weights up to 950 Pounds'; 1 <sup>st</sup> paragraph; line 7: the word 'Final' has been added and the letter 'F' has been added to (SAR)	Editorial suggestion
Preliminary Safety Evaluation Report	2	'Structural Evaluation - Fuel Assembly Weights up to 950 Pounds'; 2 <sup>nd</sup> paragraph; lines 5 and 7: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	2	'Structural Evaluation - Use of Damaged Fuel Cans'; 2 <sup>nd</sup> paragraph; line 5: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	3	'Structural Evaluation - ASME Code Alternatives'; 1 <sup>st</sup> paragraph; line 4: the word 'in' has been added	Editorial suggestion
Preliminary Safety Evaluation Report	3	'Shielding Evaluation - Summary'; 1 <sup>st</sup> paragraph; line 5: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	4	'Shielding Evaluation - Conclusion'; 2 <sup>nd</sup> paragraph; lines 1 and 3: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	4	'Shielding Evaluation - Conclusion'; 3 <sup>rd</sup> paragraph; lines 1 and 5: the letter 'F' has been added to SAR	Editorial suggestion

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Preliminary Safety Evaluation Report	5	'Criticality Safety – Discussion'; 1 <sup>st</sup> paragraph; line 4: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	5	'Criticality Safety – Discussion'; 2 <sup>nd</sup> paragraph; line 1: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	5	'Criticality Safety – Discussion'; 4 <sup>th</sup> paragraph; line 1: the words 'proposes to revise the SAR to include' have been changed to 'proposed a FSAR revision to include'	Editorial suggestion
Preliminary Safety Evaluation Report	6	'Criticality Safety – Conclusion'; 1 <sup>st</sup> paragraph; lines 2 and 5: the letter 'F' has been added to SAR	Editorial suggestion
Preliminary Safety Evaluation Report	6	'Connecticut Yankee Fuel Assembly Tables – Discussion'; 1 <sup>st</sup> paragraph; line 1: a comma has been added after word 'enrichment,'; lines 1 and 2: the words 'for stainless-steel clad fuel assemblies' and 'for the CY-MPC damaged fuel cans' have been deleted	Qualifying phrases are removed because they are not applicable
Preliminary Safety Evaluation Report	6	'Connecticut Yankee Fuel Assembly Tables – Discussion'; 3 <sup>rd</sup> paragraph; line 3; the word 'in' has been added	Editorial suggestion