

**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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| Section    | Page  | Description of Change   | Justification for Change   |
|------------|-------|---|--|
| 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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| <b>Section</b>                       | <b>Page</b> | <b>Description of Change</b>   | <b>Justification for Change</b> |
|--------------------------------------|-------------|--|---------------------------------|
| 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   |