



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 1, 2016

Mr. Wren Fowler  
Director, Licensing  
NAC International  
3930 East Jones Bridge Road, Suite 200  
Norcross, GA 30092

SUBJECT: REVISION 1 TO AMENDMENT NOS. 0 THROUGH 3 TO CERTIFICATE OF COMPLIANCE NO. 1031 FOR THE MAGNASTOR® STORAGE SYSTEM

Dear Mr. Fowler:

By application dated June 20, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14174B095), as supplemented January 14, 2015 (ADAMS Accession No. ML15016A047), NAC International, Inc. (NAC), enclosed is Revision 1 to Amendment Nos. 0, 1, 2, and 3 to Certificate of Compliance No. 1031 for the MAGNASTOR® storage system. This revised certificate, issued by the U.S. Nuclear Regulatory Commission constitutes the approval and conditions for use of the MAGNASTOR® storage system for storage of spent nuclear fuel under the general license provisions of 10 CFR Part 72, Subparts K and L. The revision includes several changes to the MAGNASTOR® certificate, including correcting a typographical error in two actual boron loadings in Technical Specification 4.1.1(a), and revising the decay times in Tables B2-4 (for Amendment Nos. 0 and 1) and B2-5 (for Amendment Nos. 2 and 3) in Appendix B of the technical specifications for minimum additional decay time required for spent fuel assemblies that contain nonfuel hardware.

W. Fowler

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As stated in the Federal Register (81 FR 4574, January 27, 2016), the effective date of this certificate is February 1, 2016. The U.S. Nuclear Regulatory Commission's safety evaluation report for this amended certificate (including the technical specifications) is enclosed. If you have any questions regarding these revised certificates, please contact Bernard White at (301) 415-6577.

Sincerely,

**/RA/**

Steve Ruffin, Acting Chief  
Spent Fuel Licensing Branch  
Division of Spent Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1031  
CAC Nos. L24987, L24988, L24956, and L24957

Enclosures: See attached sheet

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Closes CAC Nos. L24987, L24988, L24956, and L24957

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Revision 1.doc

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| <b>OFC</b>  | DSFM    | DSFM                   | DSFM    |
| <b>NAME</b> | BWhite  | WWheatley<br>via email | SRuffin |
| <b>DATE</b> | 1/26/16 | 1/27 /16               | 2/1/16  |

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## List of Enclosures

1. Final CoC 1031, Amendment No. 3, Revision 1
2. Final CoC 1031 Amendment No. 3, Revision 1, Tech Spec Appendix A
3. Final CoC 1031 Amendment No. 3, Revision 1, Tech Spec Appendix B
4. Final SER for CoC 1031 Amendment No. 3, Revision 1
  
5. Final CoC 1031, Amendment No. 2, Revision 1
6. Final CoC No. 1031, Amendment No. 2, Revision 1, Tech Spec Appendix A
7. Final TS Amendment No. 2, Revision 1, Tech Spec Appendix B
8. Final SER for CoC 1031 Amendment No. 2, Revision 1
  
9. Final CoC 1031, Amendment No. 1, Revision 1
10. Final CoC 1031 Amendment No. 1, Revision 1, Tech Spec Appendix A
11. Final CoC 1031 Amendment No. 1, Revision 1, Tech Spec Appendix B
12. Final SER for Amendment No. 1, Revision 1
  
13. Final CoC 1031, Amendment No. 0, Revision 1
14. Final CoC 1031 Amendment No. 0, Revision 1, Tech Spec Appendix A
15. Final CoC 1031 Amendment No. 0, Revision 1, Tech Spec, Appendix B
16. Final SER for Amendment No. 0, Revision 1