



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

MEMORANDUM TO: Margaret M. Doane  
Executive Director for Operations

FROM: Patricia K. Holahan, Director  
Division of Rulemaking  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: DIRECT FINAL RULE: LIST OF APPROVED SPENT FUEL  
STORAGE CASKS: NAC INTERNATIONAL NAC-UMS®  
UNIVERSAL STORAGE SYSTEM, CERTIFICATE OF COMPLIANCE  
NO. 1015, AMENDMENT NO. 6 (RIN 3150-AK12; NRC-2018-0075)

Enclosed for your signature area direct final rule and a companion proposed rule (Enclosures 1 and 2), amending the U.S. Nuclear Regulatory Commission's spent fuel storage regulations by revising the NAC International NAC-UMS® listing within the "List of approved spent fuel storage casks" to include Amendment No. 6 to Certificate of Compliance (CoC) No. 1015. Amendment No. 6 revises the CoC's technical specifications to: 1) remove a redundant requirement for inspection of the concrete cask and canister; 2) revise a limiting condition of operation (LCO) for heat removal to clarify that "LCO not met" means that the concrete heat removal system is inoperable; 3) remove an inspection requirement that is already covered by LCO surveillance requirements for off-normal, accident, or natural phenomenon events; and 4) clarify that "immediate" restoration of a concrete cask's heat removal capabilities means "within the design-basis time limit" in Section 11.2.13 of the Final Safety Analysis Report, "or within the time limit for a less than design-basis heat load case, as evaluated." Amendment No. 6 also clarifies that an LCO for loaded cask surface dose rates applies prior to storage conditions, when dose rates will be highest.

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Notices: Enclosure 3 (Notice of Direct Final Rule Signed by the Executive Director for Operations) documents that you have signed the two *Federal Register* notices and intend to forward them to the Office of the Federal Register unless otherwise directed by the Commission. The appropriate Congressional committees will be notified.

Resources: No additional resources will be needed to implement this rulemaking.

Coordination: The Office of the General Counsel has no legal objection.

Enclosures:

1. Direct Final Rule
2. Proposed Rule
3. Notice of Direct Final Rule  
Signed by the Executive Director for Operations

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 NAC INTERNATIONAL NAC-UMS® UNIVERSAL STORAGE SYSTEM,  
 CERTIFICATE OF COMPLIANCE NO. 1015, AMENDMENT NO. 6 (RIN 3150-  
 AK12; NRC-2018-0075)

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\*Concurred by e-mail

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