



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

February 26, 2021

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

SUBJECT: APPLICATION FOR AMENDMENT NO. 11 TO THE MODEL NO. MAGNASTOR®  
STORAGE CASK – FIRST REQUEST FOR ADDITIONAL INFORMATION

Dear Mr. Fowler:

By letter dated July 14, 2020 (Agencywide Documents Access and Management System Package Accession No. ML20210M079), NAC International (NAC) submitted an application for Amendment No. 11 to the Model No. MAGNASTOR® storage cask. The application proposes to add a new concrete overpack, a light-weight transfer cask, and revised boiling-water reactor fuel characteristics, including damaged boiling-water reactor spent fuel.

In connection with our review, we need the information identified in the enclosures to this letter. The request for additional information (RAI) requested in this letter should be submitted in the form of revised safety analysis report pages. Please provide your response within 2 months from the date of this letter.

Please reference Docket No. 72-1031 and Enterprise Project Identifier (EPID) No. L-2020-LLA-0158 in future correspondence related to this request. The staff is available to meet to discuss your proposed responses. If you have any questions, I may be contacted at (301) 415-6577.

Sincerely,

A handwritten signature in black ink that reads "Bernard H. White IV".

Signed by White, Bernard  
on 02/26/21

Bernard H. White IV, Senior Project Manager  
Storage and Transportation Licensing Branch  
Division of Fuel Management  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 72-1031  
EPID No. L-2020-LLA-0158

Enclosure:  
Non-proprietary RAI

MAGNASTOR Amendment 11 RAI 1 DATE February 26, 2021

OFFICE	NMSS/DFM/STLB	NMSS/DFM/STLB	NMSS/DFM/CTCFB	NRR/DEX/ESEA
NAME	BWhite <i>BW</i>	WWheatley <i>WW</i>	CBajwa <i>CB</i>	PPatel <i>PP</i>
DATE	Feb 18, 2021	Feb 18, 2021	Feb 19, 2021	Feb 19, 2021
OFFICE	NMSS/DFM/CTCFB	RES/DE/RGGIB	NMSS/DFM/STLB	NMSS/DFM/STLB
NAME	CBajwa JSolis for <i>JS</i>	TBoyce <i>TB</i>	JMcKirgan <i>JM</i>	BWhite <i>BW</i>
DATE	Feb 24, 2021	Feb 19, 2021	Feb 26, 2021	Feb 26, 2021

**OFFICIAL RECORD COPY**