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DEPARTMENT OF ENERGY
NATIONAL NUCLEAR SECURITY ADMINISTRATION
1000 INDEPENDENCE AVENUE SW
WASHINGTON DC 20585-1000

NR:RS:MAKuprenas Z#C20-00660
January 30, 2020

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John W. Lubinski
Director, Office of Nuclear Materials Safety and Safeguards
Nuclear Regulatory Commission
Washington, DC 20555

**S5G REACTOR COMPARTMENT DISPOSAL PACKAGE - SAFETY ANALYSIS
REPORT FOR PACKAGING (DOCKET NO. 71-9788); RESPONSE TO NRC
REQUEST FOR ADDITIONAL INFORMATION**

Background: Reactor Compartment Disposal Packages (RCDPs) are shipping containers for radioactive material, manufactured by modifying the reactor compartments of decommissioned nuclear powered vessels. The RCDP is certified as a Type B package for shipment of fissile and highly radioactive material. Title 10, Code of Federal Regulations, Part 71 (10CFR71) delineates federal requirements for shipping Type B packages. Compliance with 10CFR71 is demonstrated through a Safety Analysis Report for Packaging (SARP). In letter Z#C19-03241 dated August 5, 2019, Naval Reactors forwarded a SARP for the S5G RCDP to the Nuclear Regulatory Commission (NRC) for review and concurrence. In response, NRC requested additional information in a letter dated December 23, 2019.

Naval Reactors Action: Enclosure (1) to this letter provides responses to the NRC request. If you have any additional questions, please do not hesitate to call me at (202) 781-6060..

A handwritten signature in black ink, appearing to read "MAKuprenas", is positioned above the typed name.

M. A. Kuprenas
Naval Reactors

Enclosure: (1) NAVAL REACTORS RESPONSES TO NRC REQUEST FOR
ADDITIONAL INFORMATION (EPID NO.L-2019-LLA-0175)

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Copy to (Prime Contractor):

KAPL ADSARS

General Manager, NNL

Manager, Reactor Servicing, NNL

Manager, Reactor Servicing Systems, RS, NNL

Manager, Shipping Containers, RSS, RS, NNL

Manager, Shipping Container Analysis, SC, RSS, RS, NNL

Manager, New Design, NNL

Manager, Surface Ship and Prototype Programs, ND, NNL

Manager, Shielding, SSP, ND, NNL

NRLFO

Copy to (All others):

A. Kock, Director, Division of Fuel Management, NMSS, NRC

D. Doyle, Acting Chief, Storage and Transportation Licensing Branch, DFM, NMSS, NRC

N. Garcia Santos, Project Manager, Licensing Branch, STBL, DFM, NMSS, NRC