

2020-001 _____ EPRI Advanced Reactor Strategic Program (EPRI-AR)

November 23, 2020

Document Control Desk
U. S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Docket No. 99902021

Attention: Jordan Hoellman, NRR/DANU/UARP

Subject: Transmittal of published topical report, "Uranium Oxycarbide (UCO) Tristructural Isotropic (TRISO) Coated Particle Fuel Performance: Topical Report EPRI-AR-1(NP)-A"

- References:
- (1) Letter, D. Scott (Electric Power Research Institute or EPRI) to U.S. Nuclear Regulatory Commission (NRC), Transmittal of "Uranium Oxycarbide (UCO) Tristructural Isotropic (TRISO) Coated Particle Fuel Performance: Topical Report EPRI-AR-1(NP)," May 31, 2019.
 - (2) Letter, J. Segala (NRC) to C. Stover (EPRI), Final Safety Evaluation for Electric Power Research Institute Topical Report "UCO TRISO Coated Particle Fuel Performance: Topical Report EPRI-AR-1(NP)," August 11, 2020.
 - (3) Letter, C. Stover (EPRI) to NRC, Transmittal of "Uranium Oxycarbide (UCO) Tristructural Isotropic (TRISO) Coated Particle Fuel Performance: Topical Report EPRI-AR-1(NP)-A," October 21, 2020.

Enclosed is one (1) paper copy of the final published topical report "Uranium Oxycarbide (UCO) Tristructural Isotropic (TRISO)-Coated Particle Fuel Performance: Topical Report EPRI-AR-1(NP)-A," EPRI Technical Report 3002019978.

This final version of the approved topical report was published by EPRI on November 20, 2020, and is being provided for referencing in the NRC's verification letter approving the topical report for use.

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Topical Report EPRI-AR-1(NP)-A

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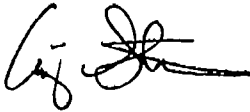
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The report is publicly available at: <https://www.epri.com/#/pages/product/3002019978/>.

If you have questions about this submittal, please contact EPRI project manager Andrew Sowder by phone at 704-595-2647 or by email at asowder@epri.com.

Sincerely,



Craig Stover
EPRI Advanced Nuclear Technology Program Manager

Attachment

Enclosures: One paper copy of published, non-proprietary EPRI report, *Uranium Oxycarbide (UCO) Tristructural Isotropic (TRISO)-Coated Particle Fuel Performance: Topical Report EPRI-AR- 1(NP)-A*. EPRI, Palo Alto, CA: 2020. 3002019978.

cc: A. Sowder, EPRI
C. Marciulescu, EPRI