



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

July 31, 2019

Research and Production Company RadICS  
Attention: Anton Andrashov  
RadICS Director  
29 Geroyiv Stalingradu Street  
25009 Kirovohrad, Ukraine

SUBJECT: FINAL PROPRIETARY SAFETY EVALUATION FOR "RADICS TOPICAL REPORT"  
(CAC NO. MF8411; EPID L-2016-TOP-0010)

Dear Mr. Andrashov:

By letter dated September 20, 2016 (Agencywide Documents Access and Management System Accession No. ML16274A346), Research and Production Corporation Radiy (RPC Radiy) submitted for the U.S. Nuclear Regulatory Commission (NRC) staff review the "RadICS Topical Report." By letter dated May 8, 2019, the NRC staff issued its draft safety evaluation (SE) on "RadICS Topical Report" (ADAMS Accession No. ML19003A471).

RPC Radiy provided comments on the draft SE by letter dated May 21, 2019 (ADAMS Accession No. ML19149A364). The comments addressed proprietary information, inconsistencies, and typographical errors.

The NRC staff has found that "RadICS Topical Report" is acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the topical report (TR) and in the enclosed final SE. The final SE defines the basis for our acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

In accordance with the guidance provided on the NRC website, we request that RPC Radiy publish accepted proprietary and non-proprietary versions of the TR within three months of receipt of this letter. The accepted versions shall incorporate this letter and the enclosed final SE after the title page. Also, they must contain historical review information, including NRC requests for additional information (RAIs) and your responses. The approved versions shall include a "-A" (designating approved) following the TR identification symbol.

**NOTICE: Enclosure transmitted herewith contains Proprietary Information. When separated from enclosure, this transmittal document is decontrolled.**

As an alternative to including the RAIs and RAI responses behind the title page, if changes to the TRs provided to the NRC staff to support the resolution of RAI responses, and the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAIs:

1. The RAIs and RAI responses can be included as an Appendix to the accepted version.
2. The RAIs and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAIs and RAI responses which resulted in any changes, as shown in the accepted version of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, NEI will be expected to revise the TR appropriately. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

If you have any questions or require any additional information, please feel free to contact the NRC Project Manager for the review, Joseph Holonich at (301) 415-7297 or [joseph.holonich@nrc.gov](mailto:joseph.holonich@nrc.gov).

Sincerely,

***/RA Leslie Perkins for/***

Dennis C. Morey, Chief  
Licensing Processes Branch  
Division of Licensing Projects  
Office of Nuclear Reactor Regulation

Docket No. 99902028

Enclosure:  
Final SE

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(CAC NO. MF8411; EPID L-2016-TOP-0010) DATE: JULY 31, 2019

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**ADAMS Accession Nos.:**

**ML19134A301 Package**

**ML19134A289 Letter/Public**

**ML19134A291 Final SE/Non-Public**

**\*concurrence via e-mail**

**NRR-106**

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NAME	JHolonich	DHarrison	MWaters	DMorey (LPerkins for)
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