



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

December 8, 2022

The Honorable Christopher T. Hanson
Chair
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: WHITE PAPER ON "THE ENDURING LEGACY OF ACRS: CONTRIBUTING TO
SAFETY-LICENSING REVIEW OF REACTOR FACILITIES"

Dear Chair Hanson:

To support our continued statutory responsibility to "review safety studies and facility license applications..." and in an effort to capture the institutional knowledge and memory of the Committee, we asked Dr. Hossein Nourbakhsh, ACRS Senior Technical Advisor, to prepare the enclosed white paper. The paper begins with a history of the Committee, noting some of our significant contributions to reactor safety. The paper then presents a historical perspective on our reactor licensing reviews. The essential role of the Committee on reviewing the currently proposed new reactor designs, which are radically different from the current fleet of light water reactors, is also discussed.

Sincerely,

A handwritten signature in dark ink, appearing to read "Joy L. Rempe", is positioned to the left of the typed name.

Signed by Rempe, Joy
on 12/08/22

Joy L. Rempe
Chairman

Enclosure:
The Enduring Legacy of ACRS:
Contributing to Safety-Licensing Review of Reactor Facilities



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Package No: ML22342B269

Accession No: ML22341A073

Publicly Available (Y/N): Y

Sensitive (Y/N): N

If Sensitive, which category?

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