



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

July 30, 2018

Dr. Michael L. Corradini, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: REPORT ON THE SAFETY ASPECTS OF THE ADVANCED POWER
REACTOR 1400 PRESSURIZED-WATER REACTOR

Dear Dr. Corradini:

On behalf of the U.S. Nuclear Regulatory Commission staff, I would like to thank you for the letter from the Advisory Committee on Reactor Safeguards (ACRS) dated July 26, 2018, on its final review and evaluation of the design of the Advanced Power Reactor 1400 (APR1400). Your letter fulfills the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 52.53 and 10 CFR 52.141, both entitled "Referral to the Advisory Committee on Reactor Safeguards (ACRS)," and confirms the discussions that took place during ACRS's 655th meeting on July 11–13, 2018.

The staff appreciates ACRS's thorough review, and is finalizing the final safety evaluation report of the APR1400 design certification and related topical reports.

Sincerely,

/RA/

Margaret M. Doane
Executive Director
for Operations

Docket No.: 52-046

cc: Chairman Svinicki
Commissioner Baran
Commissioner Burns
Commissioner Caputo
Commissioner Wright
SECY

SUBJECT: REPORT ON THE SAFETY ASPECTS OF THE APR1400 PRESSURIZED
 WATER REACTOR DATED: JULY 30, 2018.

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