



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

September 11, 2024

Dr. Eric van Walle

SUBJECT: Letter of Motivation for Jeff Poehler to join International Group on Radiation Damage Mechanisms (IGRDM)

Dear Dr. van Walle

I am a Senior Materials Engineer at the Nuclear Regulatory Commission, Office of Nuclear Regulatory Research, Division of Engineering, Materials Engineering Branch. In my position I am involved with research on long-term operation and materials harvesting. Radiation damage to reactor pressure vessel (RPV) steels is one of the key issues during long-term operation of light-water reactors, and these materials are also of interest with respect to materials harvesting. I am also involved with projects related to reactor pressure vessel (RPV) integrity, such as the Reactor Embrittlement Archive Project (REAP) database, and I serve as a technical resource to the Office of Nuclear Reactor Regulation (NRR) at NRC in the area of RPV integrity. Aspects of RPV integrity of interest to me as a researcher include embrittlement trend curves, materials surveillance programs, fracture toughness, and embrittlement mechanisms. Therefore, it would be in the interest of my agency for me to participate as a member of IGRDM.

I am grateful for your consideration of my application to become a member of the IGRDM.

Sincerely,

/RA/

Jeff Poehler
Materials Engineering Branch
Division of Engineering
Office of Nuclear Regulatory Research

Letters related to Jeff Poehler membership in International Group on Radiation Damage Mechanisms (IGRDM) DATE September 9, 2024

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NAME	PRaynaud <i>PR</i>	JPoehler <i>JP</i>	SRuffin <i>SR</i>	Rlyengar JTokey for <i>JT</i>
DATE	Sep 9, 2024	Sep 9, 2024	Sep 9, 2024	Sep 9, 2024

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