

MEMORANDUM OF COOPERATION
ON
ADVANCED REACTOR AND SMALL MODULAR REACTOR TECHNOLOGIES
BETWEEN
THE UNITED KINGDOM OFFICE FOR NUCLEAR REGULATION
AND
THE CANADIAN NUCLEAR SAFETY COMMISSION

WHEREAS, the United Kingdom Office for Nuclear Regulation (ONR) and the Canadian Nuclear Safety Commission (CNSC), both hereinafter referred to as the Participants, have a mutual interest in exchanging information pertaining to advanced reactor and small modular reactor (SMR) technologies;

WHEREAS, the Participants are already engaged in general cooperation in nuclear safety matters under the Memorandum of Understanding for Cooperation and Exchange of Information in Nuclear Regulatory Matters Between the Canadian Nuclear Safety Commission and the United Kingdom Office for Nuclear Regulation, signed at Ormskirk and Toronto on 06 October, 2020 (the MOU);

THEREFORE, the ONR and the CNSC intend this Memorandum of Cooperation (MOC) to further expand their cooperation under the provisions of the MOU on activities associated with advanced reactor and SMR technologies. Cooperation on these reviews may expand to facilitate a joint technical review of an advanced reactor or SMR design for which a governance body and structure will be established prior to the commencement of any joint technical review. Accordingly, the ONR and the CNSC intend to cooperate under the MOU as follows:

1. To further strengthen the ONR and CNSC commitment to share best practices and experience reviewing advanced reactor and SMR technology designs. This may include cooperation in the following areas:
 - a. Development of shared advanced reactor and SMR technical review approaches that facilitate resolution of common technical questions to facilitate regulatory reviews that address each Participant's national regulations;
 - b. Collaboration on pre-application activities to ensure mutual preparedness to efficiently review advanced reactor and SMR designs; and
 - c. Collaboration on research, training, and in the development of regulatory approaches to address unique and novel technical considerations for ensuring the safety of advanced reactors and SMRs.

Cooperation between the ONR and the CNSC under this MOC does not alter any of the legislative responsibilities of each Participant.

Cooperation between the ONR and the CNSC under this MOC is intended to supplement and strengthen the existing cooperation between the ONR and the CNSC under the MOU, which the ONR and the CNSC intend to continue.

Administrative matters

- a. This MOC may be modified by the mutual written consent of both Participants.
- b. This MOC becomes effective upon signature by both Participants. A Participant will provide at least 30 days advance written notice to the other of its intent to cease cooperation under this MOC and the MOC will remain effective until the expiry of this notice period. The notice period will commence upon receipt of the written notice by the receiving Participant, unless the Participants jointly determine otherwise in writing.
- c. All information protected under this MOC will continue to be protected consistent with the terms of the MOU after this MOC has expired or cooperation under it has ceased, unless the Participants jointly determine otherwise in writing.

Signed on the 06th day of October 2020, in duplicate in the English and French languages.

FOR THE UNITED KINGDOM OFFICE
FOR NUCLEAR REGULATION
IN ORMSKIRK, UK



Mark Foy
Chief Nuclear Inspector

FOR THE CANADIAN NUCLEAR SAFETY
COMMISSION:
IN TORONTO, CANADA



Rumina Velshi
President and Chief Executive Officer