



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

June 24, 2022

MEMORANDUM TO: Richard Chang, Chief  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: Ngola Otto, Project Manager */RA/*  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: OFFICE OF THE GENERAL COUNSEL REVIEW OF FRAMATOME  
TOPICAL REPORTS, ANP-10340-P-A, REVISION 0, INCORPORATION  
OF CHROMIA-DOPED FUEL PROPERTIES IN AREVA APPROVED  
METHODS, ANP-10335P-A, REVISION 0, ACE/ATRIUM 11 CRITICAL  
POWER CORRELATION, ANP-10333P-A, AURORA-B: AN  
EVALUATION MODEL FOR BOILING WATER REACTORS;  
APPLICATION OF CONTROL ROD DROP ACCIDENT

The following Framatome Topical Reports (TRs) were submitted to the Office of the General Counsel (OGC) for review per LIC-500, "Topical Report Process," to support the Browns Ferry license amendment request, transition to ATRIUM 11 fuel (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML21204A127).

1. ANP-10340P-A, Revision 0, "Incorporation of Chromia-Doped Fuel Properties in AREVA Approved Methods" (ADAMS Package Accession No. ML18171A107)
2. ANP-10335P-A, Revision 0, "ACE/ATRIUM 11 Critical Power Correlation" (ADAMS Package Accession No. ML18207A382)
3. ANP-10333P-A, Revision 0, "AURORA-B: An Evaluation Model for Boiling Water Reactors; Application to Control Rod Drop Accident (CRDA)" (ADAMS Package Accession No. ML18208A415)

The legal review of TRs ANP-10340P-A, Revision 0, ANP-10335P-A, Revision 0, ANP-10333P-A, Revision 0. were completed. The OGC and Nuclear Regulatory Commission staff correspondence regarding comments on the legal review of ANP-10340P-A, Revision 0, ANP-10335P-A, Revision 0, ANP-10333P-A, Revision 0, can be found in ADAMS at Accession No. ML22157A118.

CONTACT: Ngola Otto, NRR/DORL  
301-415-6695

SUBJECT: OFFICE OF THE GENERAL COUNSEL REVIEW OF FRAMATOME TOPICAL REPORTS, ANP-10340-P-A, REVISION 0, INCORPORATION OF CHROMIA-DOPED FUEL PROPERTIES IN AREVA APPROVED METHODS, ANP-10335P-A, REVISION 0, ACE/ATRIUM 11 CRITICAL POWER CORRELATION, ANP-10333P-A, AURORA-B: AN EVALUATION MODEL FOR BOILING WATER REACTORS; APPLICATION OF CONTROL ROD DROP ACCIDENT DATED JUNE 24, 2022

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**ADAMS Accession Nos.:****ML22173A137 (Package)****ML22173A081 (Memo - Public)****ML22157A118 (OGC & Staff Correspondence – Non-Public)****ML18171A119 (ANP-10340P-A – Non-Proprietary - Public)****ML18207A408 (ANP-10335P-A – Non-Proprietary – Public)****ML18208A447 (ANP-10333P-A – Non-Proprietary – Public)****\*via eConcurrence**

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NRR/DORL/LLPB/BC*	NRR/DORL/LLPB/PM*
NAME	NOtto	DHarrison	RChang	NOtto
DATE	06/22/2022	06/23/2022	06/23/2022	06/24/2022

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