

December 18, 2013

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Dennis J. Galvin, Project Manager */RA/*  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: REPORT OF THE SEPTEMBER 23 - 27, 2013, AUDIT  
REGARDING THE UNITED STATES - ADVANCED  
PRESSURIZED WATER REACTOR DESIGN CERTIFICATION  
DOCUMENT SECTION 3.7

As part of its review of the United States - Advanced Pressurized Water Reactor (US-APWR) Design Certification application, on September 23 - 27, 2013, members of the U.S. Nuclear Regulatory Commission staff performed an audit at the URS Corporation offices in Princeton, New Jersey. The purpose of the audit was to review the details regarding the seismic analysis and design of the nuclear island structures in support of the safety evaluation of the US-APWR, Design Certification Document (DCD) Tier 2, Sections 3.7.1, 3.7.2, and 3.7.3.

The audit plan can be found in the Agencywide Document Access and Management System under accession number ML13252A089, dated September 11, 2013. The results of the audit have been prepared, entitled "United States - Advanced Pressurized Water Reactor Internal Flood Analyses Audit Report," and is provided as Enclosure 1. A list of attendees is provided as Enclosure 2. A list of documents made available to the NRC staff is provided as Enclosure 3.

Docket No.: 52-021

Enclosures:  
As stated

CONTACT: Dennis Galvin, NRO/DNRL  
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**ADAMS Accession Nos.:**

- ML13322B231 - Package**
- ML13322B249 - Memorandum**
- ML13322B238 - Audit Report**
- ML13322B236 - List of Attendees**
- ML13322B233 - List of Documents**

**NRC-001**

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