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J.V.R.B.B.  
5/10/2016

10 CFR 50.54(f)



**DWIGHT C. MIMS**  
Senior Vice President, Nuclear  
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102-07044-DCM/TNW/PJH  
May 1, 2015

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

- References:
1. NRC Letter, *Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident*, dated March 12, 2012
  2. Arizona Public Service Company (APS) Letter Number 102-06967, *Flood Hazard Reevaluation Report*, dated December 12, 2014

Dear Sirs:

Subject: **Palo Verde Nuclear Generating Station (PVNGS)**  
**Units 1, 2, and 3**  
**Docket Nos. STN 50-528, 50-529, and 50-530**  
**APS Response to NRC Request for Flood Hazard Reevaluation**  
**Model Files**

On March 12, 2012, the U. S. Nuclear Regulatory Commission (NRC) issued Reference 1 to request information associated with Near-Term Task Force (NTTF) Recommendation 2.1 for flooding, including a reevaluation of licensee flooding hazards. Arizona Public Service (APS) submitted the Palo Verde Nuclear Generating Station (PVNGS) Flood Hazard Reevaluation Report (FHRR) in Reference 2.

In accordance with the NRC email request for FHRR Model Files, please find a summary of the requested FHRR Model Files provided in Enclosure 1. The requested electronic input and output files are provided in Enclosure 2.

No commitments are being made to the NRC by this letter. Should you have any questions concerning the content of this letter, please contact Thomas N. Weber, Department Leader, Regulatory Affairs, at (623) 393- 5764.

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

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A001  
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APS Response to NRC Request for Flood Hazard Reevaluation Model Files  
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I declare under penalty of perjury that the foregoing is true and correct.

Executed on 5/1/15  
(Date)

Sincerely,

*A.C. Minis*

DCM/TNW/PJH

- Enclosure 1: Palo Verde Nuclear Generating Station Flood Hazard Reevaluation Report Model Files Summary  
Enclosure 2: Optical Storage Media (OSM) Electronic Files of Palo Verde Nuclear Generating Station Flood Hazard Reevaluation Report Model Files

cc: (w/o Enclosures)

W. M. Dean	NRC Director, Office of Nuclear Reactor Regulation
M. L. Dapas	NRC Region IV Regional Administrator
M. M. Watford	NRC NRR Project Manager
C. A. Peabody	NRC Senior Resident Inspector for PVNGS

(w/ Enclosures)  
R. Kuntz                      NRC NRR/JLD Project Manager

**ENCLOSURE 1**

**Palo Verde Nuclear Generating Station  
Flood Hazard Reevaluation Report Model Files Summary**

**Enclosure 1**

**Palo Verde Nuclear Generating Station  
Flood Hazard Reevaluation Report Model Files Summary**

**Palo Verde Nuclear Generating Station Flood Hazard Reevaluation Report Model Files Summary:**

**DVD No 1:**

DVD 1 of 3 contains the following:

- LIP flooding as described in Supplier Document (SDOC) CN396-A00005 - This contains the FLO-2D input and output files.
- East Wash PMF as described in (FHRR Reference 33) URS, 2014 in the electronic reading room, 100-ft grid and 25-ft grid element models- This contains the FLO-2D input and output files.

**DVD No 2:**

DVD 2 of 3 contains the following:

- Winters Wash PMF as described in SDOC CN396-A00010 - This contains the FLO-2D inputs and output files (Part 1)

**DVD No 3:**

DVD 3 of 3 contains the following:

- HEC-HMS files (for Winters Wash PMF modeling only) as described in SDOC CN396-A00009 - This contains the HEC-HMS input and output files.
- HEC-RAS model files (for Centennial Wash, Hassayampa River, and Gila River PMF screening modeling) as described in SDOC CN396-A00009 - This contains the HEC-RAS input and output files.
- Winters Wash PMF as described in SDOC CN396-A00010 - This contains the FLO-2D inputs and output files (Part 2)