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 IDE, W.E.      Arizona Public Service Co. (formerly Arizona Nuclear Power  
 RECIP. NAME      RECIPIENT AFFILIATION  
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SUBJECT: Forwards requested calculations performed to verify that  
          increase in max radially averaged enrichment for fuel  
          assemblies from 4.3 weight percent to 4.8 weight percent did  
          not affect requirements for TSS 3.7.15, 3.7.17 & 4.3.1.

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102-04314-WEI/SAB/RKR  
July 20, 1999

U. S. Nuclear Regulatory Commission  
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Reference: Letter 102-04294-JML/SAB/RKR, dated June 8, 1999, from J.M. Levine, APS, to NRC, "Request for Amendment to Technical Specifications 3.7.15, Fuel Storage Pool Boron Concentration; 3.7.17, Spent Fuel Assembly Storage; and 4.3.1, Criticality"

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Units 1, 2 and 3  
Docket Nos. STN 50-528/529/530  
Response to NRC Request for Additional Information Regarding  
Request for Amendment to Technical Specifications 3.7.15, Fuel  
Storage Pool Boron Concentration; 3.7.17, Spent Fuel Assembly  
Storage; and 4.3.1, Criticality**

In a phone call with Arizona Public Service Company (APS) staff on July 13, 1999, the NRC staff requested that APS provide the calculations performed to verify that the increase in the maximum radially averaged enrichment for fuel assemblies from 4.3 weight percent to 4.8 weight percent did not affect the requirements for the new fuel storage racks, the new fuel elevator, the fuel upender and transfer machine, and the intermediate fuel storage rack. Attached are the requested calculations.

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No commitments are being made to the NRC by this letter. Please contact Mr. Scott Bauer at (623) 393-5978 if you have any questions or would like additional information regarding this matter.

Sincerely,



WEI/SAB/RKR/rh

- Attachments:
1. A-PV-FE-0107, Rev. 00, "APS New Fuel Rack Criticality Analysis for 5.0 w/o U-235 Value Added Fuel Pellet" April 15 1998
  2. A-PV-FE-0108, Rev. 01, "APS Criticality Analysis for Fuel Handling Equipment" December 2, 1998

cc: E. W. Merschoff  
N. Kalyanam  
J. H. Moorman  
A. V. Godwin



## **ATTACHMENT 1**

**A-PV-FE-0107, Rev. 00, "APS New Fuel  
Rack Criticality Analysis for 5.0 w/o U-235  
Value Added Fuel Pellet" April 15 1998**

