



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

October 14, 2008

Mr. Randall K. Edington
Executive Vice President Nuclear/
Chief Nuclear Officer
Mail Station 7602
Arizona Public Service Company
P. O. Box 52034
Phoenix, AZ 85072-2034

SUBJECT: PALO VERDE NUCLEAR GENERATING STATION, UNIT 1 – TEMPORARY
EXEMPTION FROM THE REQUIREMENTS OF 10 CFR PART 50,
SECTION 50.46 AND APPENDIX K FOR LEAD FUEL ASSEMBLIES (TAC
NO. MD8330)

Dear Mr. Edington:

The Nuclear Regulatory Commission has approved the enclosed temporary exemption from specific requirements of Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50, Section 50.46, "Acceptance criteria for emergency core cooling systems for light-water nuclear power reactors," and Appendix K, "ECCS Evaluation Models," for the Palo Verde Nuclear Generating Station (PVNGS), Unit 1. This action is in response to your letter dated March 8, 2008, as supplemented by letter dated September 10, 2008. The temporary exemption would allow up to eight lead fuel assemblies manufactured by AREVA NP consisting of fuel rods with M5 cladding material to be inserted into the PVNGS, Unit 1 reactor core operating Cycles 15, 16, and 17.

A copy of the enclosed temporary exemption has been forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in black ink that reads "Balwant K. Singal".

Balwant K. Singal, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. STN 50-528

Enclosure:
Temporary Exemption

cc w/encl: Distribution via Listserv

Palo Verde Nuclear Generating Station

cc:

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/RA/

Balwant K. Singal, Senior Project Manager
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ADAMS Accession Nos.: PKG ML082730004, Letter ML082730003 (NRR-106), Exemption (NRR-042) ML082730006

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