

NUCLEAR REGULATORY COMMISSION
ARIZONA PUBLIC SERVICE COMPANY
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3
NOTICE OF ISSUANCE OF RENEWED FACILITY
OPERATING LICENSE NOS. NPF-41, NPF-51, AND NPF-74
FOR AN ADDITIONAL 20-YEAR PERIOD
RECORD OF DECISION
DOCKET NOS. 50-528, 50-529, 50-530
NRC-2009-0012

Notice is hereby given that the U.S. Nuclear Regulatory Commission (NRC, the Commission) has issued Renewed Facility Operating License Nos. NPF-41, NPF-51, and NPF-74 to Arizona Public Service Company (licensee), the operator of the Palo Verde Nuclear Generating Station, Units 1, 2, and 3 (PVNGS). Renewed Facility Operating License Nos. NPF-41, NPF-51, and NPF-74 authorize the licensee to operate PVNGS at reactor core power levels not in excess of 3990 megawatts thermal for all three units, in accordance with the provisions of the PVNGS renewed licenses and technical specifications.

The notice also serves as the record of decision for Renewed Facility Operating License Nos. NPF-41, NPF-51, and NPF-74, consistent with Title 10 of the *Code of Federal Regulations* (10 CFR) 51.103, "Record of Decision – General." NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants: Supplement 43, Regarding Palo Verde Nuclear Generating Station," issued January 2011, discusses the Commission's consideration of a range of reasonable alternatives, including generation of replacement power from new supercritical coal-fired generation; natural gas combined-cycle generation; new

nuclear generation; a combination of alternatives that includes natural gas combined-cycle generation, energy conservation, and solar; and not renewing the license (the no-action alternative). The factors considered in the record of decision appear in the supplemental environmental impact statement for PVNGS.

PVNGS units are pressurized water reactors located in Maricopa County, Arizona. The application for the renewed licenses complied with the standards and requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations. As required by the Atomic Energy Act and the Commission's regulations in 10 CFR Chapter I, the Commission has made appropriate findings, which are set forth in the licenses. Prior public notice of the action involving the proposed issuance of the renewed licenses and of an opportunity for a hearing regarding the proposed issuance of the renewed licenses was published in the *Federal Register* on May 15, 2009 (74 FR 22978).

For further details with respect to this action, see: (1) Arizona Public Service Company's license renewal application for PVNGS dated December 11, 2008, as supplemented by letters dated through March 17, 2011; (2) the Commission's safety evaluation report (NUREG-1961), issued April 2011; (3) the licensee's updated final safety analysis report; and (4) the Commission's final environmental impact statement (NUREG-1437, Supplement 43), issued January 2011. These documents are available at the NRC's Public Document Room, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, and online in the NRC Library at <http://www.nrc.gov/reading-rm/adams.html>.

Copies of Renewed Facility Operating License Nos. NPF-41, NPF-51, and NPF-74, may be obtained by writing to the U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, Attention: Director, Division of License Renewal. Copies of the PVNGS safety evaluation report (NUREG-1961) and the final environmental impact statement (NUREG-1437, Supplement 43) may be purchased from the National Technical Information Service, U.S.

Department of Commerce, Springfield, Virginia 22161 (<http://www.ntis.gov>), 703-605-6000, or
Attention: Superintendent of Documents, U.S. Government Printing Office, P.O. Box 371954
Pittsburgh, PA 15250-7954 (<http://www.gpoaccess.gov>), 202-512-1800. All orders should
clearly identify the NRC publication number and the requestor's Government Printing Office
deposit account number or VISA or MasterCard number and expiration date.

Dated at Rockville, Maryland, this 21th day of April, 2011.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Andrew S. Imboden, Chief
Environmental Review and Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation