

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8401050204 DOC. DATE: 83/12/05 NOTARIZED: YES DOCKET #
 FACIL: STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Public 05000528
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Public 05000529
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Public 05000530
 AUTH. NAME: AUTHOR AFFILIATION
 VAN BRUNT, E.E. Arizona Public Service Co.
 RECIPIENT NAME: RECIPIENT AFFILIATION
 NRC - No Detailed Affiliation Given

SUBJECT: Requests issuance of certification that facilities designed in furtherance of purpose of abating or controlling atmospheric pollutants or cotnamnants or water pollution. Certification required for bond financing.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES: Standardized plant. 05000528
 Standardized plant. 05000529
 Standardized plant. 05000530

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
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NRR LB3 LA	1 0	LICITRA, E. 01	1 1
INTERNAL: ELD/HDS3	1 0	IE FILE	1 1
IE/DEPER/EPB 36	3 3	IE/DEPER/IRB 35	1 1
IE/DEQA/QAB 21	1 1	NRR/DE/AEAB	1 0
NRR/DE/CEB 11	1 1	NRR/DE/EHEB	1 1
NRR/DE/eqB 13	2 2	NRR/DE/GB 28	2 2
NRR/DE/MEB 18	1 1	NRR/DE/MTEB 17	1 1
NRR/DE/SAB 24	1 1	NRR/DE/SGEB 25	1 1
NRR/DHFS/HFEB40	1 1	NRR/DHFS/LQB 32	1 1
NRR/DHFS/PSRB	1 1	NRR/DL/SSPB	1 0
NRR/DSI/AEB 26	1 1	NRR/DSI/ASB	1 1
NRR/DSI/CPB 10	1 1	NRR/DSI/CSB 09	1 1
NRR/DSI/ICSB 16	1 1	NRR/DSI/METB 12	1 1
NRR/DSI/PSB 19	1 1	NRR/DSI/RAB 22	1 1
NRR/DSI/RSB 23	1 1	REG FILE 04	1 1
RGN5	3 3	RM/DDAMI/MIB	1 0

EXTERNAL: ACRS 41	6 6	BNL (AMDTs ONLY)	1 1
DMB/DSS (AMDTs)	1 1	FEMA-REP DIV 39	1 1
LPDR 03	1 1	NRC PDR 02	1 1
NSIC 05	1 1	NTIS	1 1

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1. The purpose of this study is to determine the effect of the use of the following materials on the growth of the following organisms:

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ARIZONA



PUBLIC SERVICE COMPANY

P. O. BOX 21666 • PHOENIX, ARIZONA 85036

December 5, 1983

Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Certification of pollution control facilities
at the Palo Verde Nuclear Generating Station

Gentlemen:

Arizona Public Service Company, Southern California Edison Company, El Paso Electric Company, and Public Service Company of New Mexico (the "Participants"), each owning an undivided interest in the Palo Verde Nuclear Generating Station (the "Plant"), have arranged with the Maricopa County, Arizona Pollution Control Corporation (the "Issuer") for the issuance by the Issuer of separate issues of its pollution control revenue bonds (the "Bonds") to finance the respective interests of each of such Participants in certain air and water pollution control facilities and sewage and solid waste disposal facilities (the "Facilities") at the Plant.

As a condition to the interest on the Bonds being exempt from Federal income taxation under Section 103(b)(4) (F) of the Internal Revenue Code of 1954, as amended (the "Code"), Section 1.103-8(g)(2)(B) of the regulations promulgated under the Code requires that a Federal, State, or local agency exercising jurisdiction have certified that the Facilities, as designed, are in furtherance of the purpose of abating or controlling atmospheric pollutants or contaminants, or water pollution, as the case may be. Since your agency exercises jurisdiction with respect to the radiological requirements at the Plant, such certification with respect to the Facilities designed to be in furtherance of the purpose of abating or controlling such pollutants must be issued by your agency.

Arizona Public Service Company, on behalf of each of the Participants, requests that your office issue the required certification of the Facilities in order that the Participants may consummate their respective Bond financings for the Facilities. For your convenience, we have prepared a certificate for your signature which meets the require-

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ments of Section 1.103-8(g)(2)(B) of the regulations and have attached thereto a description of the Facilities.

Because of certain legislation which is presently pending before the Congress of the United States (which legislation will have an effective date of January 1, 1984), it is imperative that the Bonds be issued before the end of 1983, and the closings for each of the issues of the Bonds are presently scheduled to occur during the last half of December of 1983. For that reason, it is imperative that the certificate with respect to the Facilities, in the form enclosed, be issued by your office and delivered to Arizona Public Service Company (the Project Manager for the Plant) no later than December 19, 1983.

If you have any questions with respect to this request or with respect to the form of the enclosed certificate, please contact Michael D. Terry (phone 602-257-7302) at Snell & Wilmer in Phoenix, Arizona (the attorneys for Arizona Public Service Company) or the undersigned (phone 602-271-7597). Your timely assistance and cooperation in this matter will be greatly appreciated.

Very truly yours,

Arizona Public Service Company



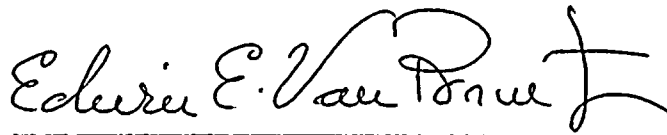
By E. E. Van Brunt, Jr.
APS Vice President
Nuclear Project
Management
ANPP Project Director

Enclosures

Nuclear Regulatory Commission
December 5, 1983
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STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

I, Edwin E. Van Brunt, Jr., represent that I am Vice President, Nuclear Projects of Arizona Public Service Company, that the foregoing document has been signed by me on behalf of Arizona Public Service Company with full authority to do so, that I have read such document and know its contents, and that to the best of my knowledge and belief, the statements made therein are true.



Edwin E. Van Brunt, Jr.

Sworn to before me this 9th day of December, 1983.



Notary Public

My Commission expires:

My Commission Expires April 6, 1987



CERTIFICATE

PALO VERDE NUCLEAR GENERATING STATION

POLLUTION CONTROL FACILITIES

The Nuclear Regulatory Commission (the "NRC") hereby certifies as follows:

(a) that it has examined Exhibit A attached hereto which is entitled "General Description of the Facilities" and which describes certain facilities which have been constructed, are under construction or are to be constructed at the Palo Verde Nuclear Generating Station, a nuclear electric power generating plant located in Maricopa County, Arizona, undivided interests in which plant are owned by Arizona Public Service Company, Salt River Project Agricultural Improvement and Power District, Southern California Edison Company, El Palo Electric Company, Public Service Company of New Mexico, and Southern California Public Power Authority;

(b) that the NRC exercises jurisdiction over such facilities; and

(c) that such facilities, as designed, are in furtherance of the purpose of abating or controlling atmospheric pollutants or contaminants or water pollutants resulting from the generation of electricity at Palo Verde Nuclear Generating Station.

Dated this ____ day of December, 1983.

Nuclear Regulatory Commission

By _____

Its _____

EXHIBIT A

General Description of the Facilities

The facilities consist of the following systems at the Plant and, in each case, include related machinery, equipment and related facilities:

Gaseous Radwaste Systems. The gaseous radwaste system for each unit at the Plant collects and processes potentially radioactive gases generated within the unit so that offsite exposure is kept as low as reasonably achievable (ALARA). High activity gas containing primarily hydrogen and nitrogen is collected and stored in an oxygen-free environment to guard against a rapid hydrogen/oxygen reaction and to permit decay of short-lived isotopes prior to release to the environment. Each system includes a surge tank, pre-filters, waste gas compressors and decay tanks, a discharge filter and flow control valve and related radioaction monitoring equipment.

Solid Radwaste Systems. The solid radwaste system for each unit at the Plant collects and chemically processes radioactive waste consisting of trash, spent ion exchange resins, waste evaporator concentrates, chemical drain tank effluents, crud tank effluents, used filter cartridges, contaminated steam generator blowdown demineralizer resins and contaminated condensate polishing demineralizer resins. Wastes are solidified in the waste solidification system and stored in a shielded storage location prior to shipment offsite. Each system includes a waste feed tank, chemical handling and storage equipment, cement handling and storage equipment and mixers and related machinery and equipment. Each system provides for capping, decontamination, swiping and placement of solidified waste containers in a shielded storage location in the unit. Each system includes a mono-rail to transport spent filter cartridges to the solidification system. Each system also includes related radiation monitoring equipment.

Interim Onsite Low-Level Radioactive Waste Storage Facility. The interim onsite low-level radioactive waste storage facility provides the capability to handle and store solidified wastes and dry active wastes for up to five years prior to shipment offsite without further processing.

Liquid Radwaste Systems. The liquid radwaste system for each unit at the Plant collects and stores for processing and processes radioactive or potentially radioactive waste fluids from various areas of such unit. Such waste fluids are processed by filtration, absorption, ion exchange and evaporation. Water is recovered for reuse in the reactor plant systems and to minimize the quantity of liquid wastes which must be solidified for offsite disposal. Each system also includes related radiation monitoring equipment.

Radwaste Building. The radwaste building for each unit at the Plant houses the systems used for the processing of liquid, solid and gaseous radioactive wastes generated in such unit and is functionally related and subordinate to such systems.

Filtration Equipment. The filtration equipment for each unit at the Plant collects and removes contaminants from gases prior to discharge to the environment in order to maintain offsite exposure ALARA. Each system includes high efficiency particulate air filter banks and charcoal absorbers and related mechanical equipment.

Radioactive Laundry. The radioactive laundry uses four "Radkleen" dry cleaning machines to decontaminate cloth and rubber protective clothing used at the Plant. The system consists of a cleaning chamber, solvent tank, still drying fan, evaporator refrigeration compressor and related filters.

