

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 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
 TEDESCO, R. L. Assistant Director for Licensing

SUBJECT: Forwards requested test description or appropriate ref to
 CEASARI docket. Quotation should be considered Question 640.14
 for facility dockets. Response will be incorporated in future
 FSAR amend.

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	LIC BR #3 LA	1	0	KERRIGAN, J. 01	1	1
INTERNAL:	ACCID. EVAL BR26	1	1	AUX SYS BR 27	1	1
	CHEM ENG. BR 11	1	1	CONT. SYS BR 09	1	1
	CORE. PERF. BR 10	1	1	EFF TR SYS BR12	1	1
	ELOI	1	0	EQUIP. QUAL. BR13	3	3
	GEOSCIENCES 28	2	2	HUM FACT. ENG 40	1	1
	HYDVGEO. BR 30	2	2	I&C SYS BR 16	1	1
	I&E 06	3	3	IE/EPDB 35	1	1
	IE/EPLBI 36	3	3	LIC. GUID. BR 33	1	1
	LIC. QUAL. BR 32	1	1	MATL. ENG. BR 17	1	1
	MECH ENG. BR 18	1	1	MPA	1	0
	OP. LIC. BR 34	1	1	POWER SYS BR 19	1	1
	PROC/TST. REV 20	1	1	QA BR 21	1	1
	RAD. ASSESS BR22	1	1	REAC. SYS BR 23	1	1
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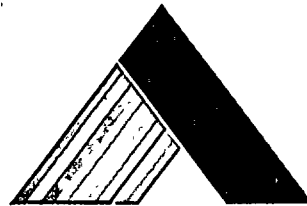
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The following information was obtained from the records of the
 Department of the Interior, Bureau of Land Management, regarding
 the land parcels described herein:
 The parcels are situated in the County of [County Name], State of
 [State Name], and are more particularly described as follows:
 Parcel 1: [Parcel Description]
 Parcel 2: [Parcel Description]
 Parcel 3: [Parcel Description]
 Parcel 4: [Parcel Description]
 Parcel 5: [Parcel Description]
 Parcel 6: [Parcel Description]
 Parcel 7: [Parcel Description]
 Parcel 8: [Parcel Description]
 Parcel 9: [Parcel Description]
 Parcel 10: [Parcel Description]
 Parcel 11: [Parcel Description]
 Parcel 12: [Parcel Description]
 Parcel 13: [Parcel Description]
 Parcel 14: [Parcel Description]
 Parcel 15: [Parcel Description]
 Parcel 16: [Parcel Description]
 Parcel 17: [Parcel Description]
 Parcel 18: [Parcel Description]
 Parcel 19: [Parcel Description]
 Parcel 20: [Parcel Description]
 Parcel 21: [Parcel Description]
 Parcel 22: [Parcel Description]
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 Parcel 25: [Parcel Description]
 Parcel 26: [Parcel Description]
 Parcel 27: [Parcel Description]
 Parcel 28: [Parcel Description]
 Parcel 29: [Parcel Description]
 Parcel 30: [Parcel Description]
 Parcel 31: [Parcel Description]
 Parcel 32: [Parcel Description]
 Parcel 33: [Parcel Description]
 Parcel 34: [Parcel Description]
 Parcel 35: [Parcel Description]
 Parcel 36: [Parcel Description]
 Parcel 37: [Parcel Description]
 Parcel 38: [Parcel Description]
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 Parcel 40: [Parcel Description]
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 Parcel 42: [Parcel Description]
 Parcel 43: [Parcel Description]
 Parcel 44: [Parcel Description]
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 Parcel 50: [Parcel Description]
 Parcel 51: [Parcel Description]
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 Parcel 81: [Parcel Description]
 Parcel 82: [Parcel Description]
 Parcel 83: [Parcel Description]
 Parcel 84: [Parcel Description]
 Parcel 85: [Parcel Description]
 Parcel 86: [Parcel Description]
 Parcel 87: [Parcel Description]
 Parcel 88: [Parcel Description]
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 Parcel 91: [Parcel Description]
 Parcel 92: [Parcel Description]
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 Parcel 95: [Parcel Description]
 Parcel 96: [Parcel Description]
 Parcel 97: [Parcel Description]
 Parcel 98: [Parcel Description]
 Parcel 99: [Parcel Description]
 Parcel 100: [Parcel Description]

ARIZONA NUCLEAR POWER PROJECT
Post Office Box 21660 Phoenix, Arizona 85036



October 16, 1981
ANPP-19179 - JMA/TFQ

Mr. R. L. Tedesco
Assistant Director for Licensing
Division of Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Palo Verde Nuclear Generating Station
(PVNGS) Units 1, 2 and 3
Docket Nos. STN-50-528/529/530
File: 81-056-026; G:1.10



Reference: Letter from J. Kerrigan, NRC, dated September 29, 1981
Subject: Summary of Meeting to Discuss Chapter 14,
Open Items

Dear Mr. Tedesco:

The referenced meeting summary listed initial test descriptions which were to be provided by APS. These test descriptions are part of NRC Question 640.4, which was asked on the CESSAR-FSAR Docket (No. STN 50-470).

Attached for your use are the requested test descriptions or an appropriate reference to the CESSAR Docket. We propose, for clarity, that this quotation be considered question 640.14 for the PVNGS Dockets. This response will be incorporated in a future FSAR amendment.

Please contact me if you have any questions on this matter.

Very truly yours,

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

EEVBJr/TFQ/sam
Attachment

cc: J. Kerrigan (w/a)
P. L. Hourihan (w/a)
A. C. Gehr (w/a)

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S/11*

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PDR ADOCK 05000528
A. PDR

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APPENDIX 14B

PREOPERATIONAL TEST DESCRIPTION

14B.1 MAIN STEAM, MAIN STEAM ISOLATION VALVES
SAFETY VALVES AND ATMOSPHERIC DUMP VALVES

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1.0 OBJECTIVE

To demonstrate the functional performance of the Main Steam System including Main Steam Isolation Valve (MSIV) closing times, Steam Generator Safety Relief Valves' operability, and Atmospheric Dump Valves operability. Steam Generator Safety Relief Valves' operability will be accomplished during Hot Operation of the primary system.

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2.0 PREREQUISITES

- 2.1 Construction activities completed.
- 2.2 Component testing and instrument calibration completed.
- 2.3 Support systems available.
- 2.4 Test Equipment available and test instrumentation calibrated.

3.0 TEST METHOD

- 3.1 Demonstrate manual and automatic system controls.
- 3.2 Verify flow paths.
- 3.3 Determine closing times of the MSIV's and the MSIV bypass valves.
- 3.4 Demonstrate operability of safety relief valves and verify seat leak tightness.
- 3.5 Demonstrate operability of Atmospheric Dump Valves.
- 3.6 Verify operation of automatic drain valves.
- 3.7 Verify alarms, indicating instruments and status lights are functional.

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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 so to do, 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.
Edwin E. Van Brunt, Jr.

Sworn to before me this 20th day of October, 1981.

Cornelia Lou Armstrong
Notary Public

My Commission expires:

June 24, 1983



ATTACHMENT

Question 640.14 (14.2.12)

Our review of your test program description disclosed that the operability of several of the systems and components listed in Regulatory Guide 1.68 (Rev. 0), Appendix A, may not be demonstrated by your initial test program. Expand your FSAR to include appropriate test descriptions (or modify existing descriptions) to address the following items from Appendix A of the guide, or provide technical justification in Section 14.2.7 for each exception.

A. Preoperational Testing

- A.1.b(7) Atmospheric Steam Pump Valves
- A.4.d Turbine Bypass and Control Valves
- A.9.a ECCS Expansion and Restraint Tests

C. Low Power Testing

- C.1.i Chemical tests to demonstrate ability to analyze and control water quality.

RESPONSE:

- A.1.b(7) See attached amended Section 14B.1.
- A.4.d Refer to the response on the CESSAR Docket.
- A.9.a See Section 14B.11
- C.1.i Refer to the response on the CESSAR Docket