Po por 2466 + Proteir, 4= 2014/1024

November 3, 1982 ANPP-22188 - WFQ/TFQ

Ωool.

Mr. H. R. Denton, Director 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: 82-056-026, G.1.01.10

References: See Attached List

Dear Mr. Denton:

On July 29, 1982 I discussed our position concerning the backfitting of power operated relief valves (PORVs) into the PVNGS design with F. Miraglia and E. Licitra of your staff. At the end of that conversation, I promised to formally submit an explanation of our activities and our technical conclusion concerning the need for this piece of equipment.

In recent months a great amount of attention and concern has been directed toward the lack of PORVs on the primary system of newer vintage Combustion Engineering (CE) NSSS designs (System 80 and the 3410s; e.g. San Onofre and Waterford). In our opinion the major reasons for this concern are that: (1) the vast majority of operating PWRs have PORVs on the primary system; (2) without PORVs it has been assumed that these new CE NSSS designs do not include rapid depressurization capability; and (3) without PORVs it has been assumed that these designs cannot remove decay heat in the event that all feedwater is lost. The following is a brief discussion of the events and meetings contributing to our evaluation of this issue.

As part of our continuing safety evaluation of the PVNGS plant design, the question of whether a PORV would enhance the operation or safety of PVNGS has been considered by APS for several years. Such consideration was initiated in recognition that PORVs might offer the following benefits: reducing challenges to the primary system safety valves, minimizing high pressure transients, providing high system pressure protection, venting of non-condensible gases, providing back-up to pressurizer sprays, providing mitigation of start-up and shutdown transients and providing an alternate means of decay heat removal. The on-going evaluation of these issues by both CE and APS indicated to us that the benefits were not sufficient to outweigh the negative aspects.

21-10501-43-821103 DR ADBCK 05000528 PDR

· · · · · · · · . . 5¹ , , , .

ŝ

· · · · · · · ·

•

•

H. R. Denton, Director Page 2

The rapid depressurization and decay heat ("feed and bleed") removal issues have been raised and addressed frequently during the last several years and each time the conclusion has been that PORVs ate not required. The accident at Three Mile Island, Unit 2, (TMI-2) illustrated an important shortfall in the use of PORVs, that is, the fail-open mode of PORVs is a potential breach of the reactor coolant pressure boundary, which subsequently could lead to a small break loss of coolant accident. TMI-2 is only one of several examples of PORV failures where PORVs have stuck open. These failures are of great concern to APS.

The NRC staff, in the SERs (References A and B) for PVNGS, concluded that PORVs were not required for the safe operation of PVNGS. Reference (A), Section C.4, discussed unresolved safety issue A-45, "Shutdown Decay Heat Removal Requirements", in which the staff concluded that PVNGS can be operated prior to the ultimate resolution of the issue, relying on the primary method of decay heat removal, which is the use of the steam generators and the secondary system. This method depends on the operation of the auxiliary feedwater system, which was reviewed by the NRC staff and discussed in reference (A), Section 20.4.9 and 22.2, item II.E.1.1. Reference (B) did not conclude that PORVs or a rapid depressurization system needed to be included in the System 80 design prior to the granting of a Final Design Approval (FDA).

As reflected in references (C) and (D), the Advisory Committee on Reactor Safeguards (ACRS) was concerned that the System 80 design does not have the capability to rapidly depressurize the primary system in a direct manner and does not have a method to remove decay heat without the use of the steam generators. The ACRS expressed their concern that the safety of the plant was highly dependent on the integrity of the steam generators and the reliability of the auxiliary feedwater system. The ACRS requested that APS, CE and the NRC staff further evaluate the present design in light of their concerns. CE has presented their reevaluation before the ACRS subcommittee on Decay Heat Removal Systems on March 16, 1982, and before the ACRS full committee on April 1, 1982. (These meetings will be discussed in more detail later in this letter.)

Early this year, an incident at the Ginna Nuclear Facility placed further attention on the use of PORVs for rapid depressurization of the primary system, and ironically the failure of the PORV to close properly. This incident was a steam generator tube rupture which resulted in a radiological release through the main steam safety valves. Reference (E) reported that the release was controlled by using the PORV to rapidly depressurize the primary system, thus reducing the primary-to- secondary leakage. This event precipitated another review of the PVNGS design by APS.

In response to an NRC staff request, CE provided their evaluation of rapid depressurization and decay heat removal capability, reference (F).

· · · · · · · · · · · · • .

.

.

.

H. R. Derton, Director Page 3

This letter was reviewed by the NRC staff and a request for additional information was made in reference (G). The CE evaluation and the NRC request for additional information were discussed before ACRS on April 1, 1982. The ACRS agreed with the NRC staff approach to resolving this issue in an expeditious manner. The ACRS again requested that the NRC staff and CE reconsider the issue, but concluded that the resolution should not be a condition for licensing of plants at full power and that the need for future hardware or procedural changes should be contingent upon the results of the evaluation.

Based on a preliminary reassessment it appeared to us that it may be beneficial to provide the control room operator an additional means of direct primary system pressure control, and we decided in May of this year to proceed with the preliminary design of a direct rapid depressurization system, which included remote manually-operated PORVs. In conjunction with the decision to design the plant modification, we. decided to determine if it was possible to install the modification prior to fuel load to minimize several key factors; radiological dose to construction workers, impact on future outage schedules, impact on present construction and start-up schedule and increased costs. To further enhance our ability to achieve these objectives, we also proceeded with a portion of the related procurement activities. All of these activities were based on our perception, based on preliminary analysis, that the following enhancements to the operation of PVNGS would be achieved:

- ° Operator flexibility to control primary system pressure
- ° Operator flexibility to mitigate to a SGTR accident
- Address possible future NRC requirements for Decay Heat Removal Systems
- Provide for a future alternate Low Temperature Over Pressure Protection System should the operators desire a more flexible system

This commitment was reflected in the telephone conversation I had with F. Miraglia and E. Licitra on July 29, 1982. During that conversation, I stated that we were pursuing the installation of PORVs on the basis that we were enhancing operator flexibility. We indicated that we did not consider this modification a <u>safety enhancement</u>, but we were evaluating the design to assure the PORVs did not degrade plant safety.

Development of our design criteria resulted in a preliminary design. This design included two remotely operated PORVs in parallel, which could only be manually operated from the control room (no automatic setpoint). The inlet piping to one of the primary safety valves would be modified to include a "TEE" for the inlet piping for the PORVs. Normally closed, remotely- operated block valves upstream of the PORVs would also be part of the system, and the PORVs would discharge into the existing reactor

. : · . .

я ,

•

; •

•

H. R. Denton, Director Page 4

drain tank. The piping and values would be ASME Section III, Class 1, and IE power would be provided to the value actuators and instrumentation. Design criteria for equipment which is part of the RCPB would also be met. This arrangement provided a depressurization capability of 20 psi/sec for one PORV and 40 psi/sec for two PORVs once the operator opened the values. These depressurization rates could be reduced by throttling the block (globe) values, to a rate of 4 psi/sec.

2 Nr

However, further investigation and evaluation indicated that this rapid depressurization capability posed operational concerns not previously identified in our preliminary analysis. These operational concerns were associated with the use of PORVs to rapidly reduce primary system pressure and resulted in voiding of the reactor vessel upper head, degradation of pressurizer level control and liquid discharge to the containment. These concerns then led 'to a more detailed evaluation of situations where this system would be used and how the present. design. would cope with them. For PVNGS the depressurization capability of the primary system is provided by the pressurizer sprays, when the reactor coolant pumps are running, and by the safety-grade auxiliary spray system when the RCPs are not running. The use of the auxiliary sprays, instead of PORVs to depressurize when the RCPs are not operational will result in a depressurization rate of 6 psi/sec, with better control of pressurizer level and partial reactor vessel upper head voiding. This evaluation concluded, contrary to our initial preliminary-evaluation, that PORVs did not enhance operator flexibility.

Current APS Technical Position

The evaluation of adding remote-manual operated PORVs to PVNGS design resulted in the following benefits and drawbacks of this modification. The benefits are as summarized below:

- Direct manual method of depressurization, which will backup the existing safety-grade auxiliary spray system.
- Provides capability for decay heat removal, "feed and bleed", if neither steam generator and the safety-grade auxiliary feedwater system are not operable.
- May provide a more flexible low temperature over pressure protection method (if an automatic setpoint is utilized for actuation).

The drawbacks are summarized below:

- The PORVs add a potential path of RCS leakage.
- ° Inadvertent opening may violate the reactor coolant pressure boundary (RCPB).

H. R. Denton, Director Page 5

> Probability of PORVs sticking open increases probability of plant transients (similar to small break loss of coolant accidents) LOCAs.

- **`**`

- If used when RCPs are not operable, the reactor vessel upper head voids, and the pressurizer becomes solid (degrading pressurizer level control very quickly).
- * Any extended use will result in a discharge to the containment.
- Adverse impact on construction, without balancing enhancement start-up and preoperational test schedules, and their related costs.

When considering these benefits and drawbacks, we conclude that this modification does not significantly improve the operational flexibility. Therefore, PORVs will not, at this time, be backfitted into the PVNGS design.

APS is continuing to participate in the CE Owner's Group effort to provide the additional information requested in reference (F), so that the NRC staff can complete their reevaluation of the CESSAR design with respect to this issue. As we have in the past, as additional information concerning this subject becomes available, we will reevaluate the PVNGS design which may or may not require installation of PORVs.

We will be available to discuss this letter or any additional concerns on this matter with the NRC at your request.

Sincerely, 1Jnic E. E. Van Brunt, Jr.

APS Vice President Nuclear Projects ANPP Project Director

EEVB/TFQ/wp

cc: D. G. Eisenhut

- T. H. Novak G. W. Knighton
- E. A. Licitra
- L. Bernabei
- A. C. Gehr

· · · · · 1 , ¥ 3 . -

--

í,

i H H. R. Denton, Director Page 6

27

bcc; G. C. Andognini J. M. Allen J. E. Kirby J. Vorees A. C. Rogers W. F. Quinn M. F. Hodge S. R. Frost ł R. W. Kramer M. J. Winsor K. E. Jones J. Y. Morita M. S. Nelson W. H. Wilson W. G. Bingham D. Keith G. F. Kopchinski J. Schuh C. Ferguson M. F. Barnoski

G. Davis (CE)

*

• •

· ·

•

ATTACHMENT

REFERENCES

14

- (A) NUREG-0857, "Safety Evaluation Report related to the operation of the Palo Verde Nuclear Generating Station, Units 1, 2 and 3" dated November, 1981.
- (B) NUREG-0852, "Safety Evaluation Report related to the final design approval of the Combustion Engineering Standard Nuclear Steam Supply System (CESSAR) System 80", dated November, 1981.
- (C) NRC letter from J. Carson Mark, Chairman of Advisory Committee on Reactor Safeguards, to Nunzio J. Palladino, Chairman, U.S. Nuclear Regulatory Commission, dated December 15, 1981. "ACRS Report on Final Design Approval for Combustion Engineering, Inc. Standard Nuclear Steam Supply System."
- (D) NRC letter from J. Carson Mark, Chairman of Advisory Committee on Reactor Safeguards, to Nunzio J. Palladino, Chairman, U.S. Nuclear Regulatory Commission, dated December 15, 1981. "ACRS report on the Palo Verde Nuclear Generating Station, Units 1, 2 and 3."
- (E) NUREG-BR-005, Volume 4, No. 2 USNRC Power Reactor Events Jan-Feb, 1982
- (F) Letter from A. E. Scherer, CE, Director of Nuclear Licensing, USNRC, LD-82-029, dated March 4, 1982.
- (G) NRC letter from R. L. Tedesco, Assistant Director for Licensing, Division of Licensing, USNRC, to P. E. Scherer, Director of Nuclear Licensing, Combustion Engineering, Inc. "Depressurization and Decay Heat Removal Capability of the CESSAR Design", dated March 26, 1982.
- (H) NRC letter from P. Shewman, Chairman Advisory Committee on Reactor Safeguards, to William J. Dircks, Executive Director for Operations, USNRC, dated April 5, 1982, "Reliability of the Shutdown Heat Removal System on the System 80 Design."

· · · · · · · · · · · · H 1

• -**4**9

ч

• .

• ¢ i ar, a.a. ç a

. .

; N,

•

BOARD NOTIFICATION 83-31 Palo Verde, Units 1, 2 & 3 San Onofre, Units 2 & 3 Waterford, Unit 3 Document Control (50-528/50-529/50-530 50-361/50-362 & 50-382)* NRC PDR Local PDR NSIC PRC System LB#3 Reading Files G. W. Knighton E. Licitra* H. Rood* J. Wilson* J. Lee M. Stine T. Novak D. Eisenhut/R. Purple M. Williams H. Denton/E. Case* **PPAS** J. Youngblood A. Schwencer E. Adensam C. Thomas R. Vollmer H. Thompson R. Mattson S. Hanauer L. Dewey, ELD L. Chandler, ELD S. Turk, ELD E. Jordan, IE 3 J. Taylor, IE Regional Administrator **Resident Inspector** W. J. Dircks, EDO (3) E. Christenbury, ELD J. Scinto, ELD A. Bennette (1)* S. Black

cc: Board Service List

- · · · • • •

۰ ۲

.

,

DISTRIBUTION Document Control (50-528) PRC System JLee (2)

FEB 0 6 1984

.

2

~

DOCKET NO(S). 50-528 The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power United States House of Representatives Washington, D. C. 20515
· · · · · · · · · · · · · · · · · · ·
SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL.' PALO VERDE NUCLEAR GENERATING STATION, UNIT 1
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No, dated
□ Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
X Order Extending Construction Completion Date, dated December 29, 1983
Other (Specify)
Office of Nuclear Reactor Regulation
Enclosures: As stated
cc: Representative Carlos Moorhead
bcc: OCA
OFFICED LB#3: DL
SURNAME JUCE: 1 f
NRC FORM 318 (10/80) NRCM 0240 OFFICIAL RECORD COPY

• •

'n

• •

.

•

.

Distribution	
Document Control	(50-528)
PRC System	
JLee (2)	

.

FEB 0 6 1984

DOCKET NO(S). 50-528 The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D. C. 20515
SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL. PALO VERDE NUCLEAR GENERATING STATION, UNIT 1
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No, dated
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
x Order Extending Construction Completion Date, dated December 29, 1983.
Other (Specify)

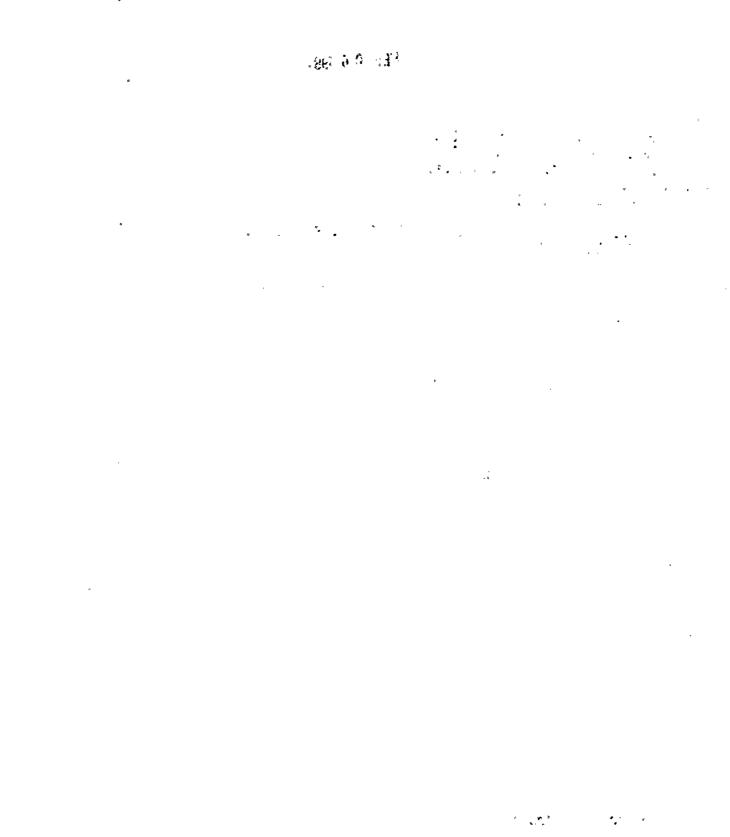
Office of Nuclear Reactor Regulation

Enclosures: As stated

2.7

cc:	Senator	Gary	Hart
bcc:	OCA		

OFFICE	OL ALB#3						
SURNAMED	JZee:1f					•••••	•••••
DATE	26/84						
NRC FORM 31	8 (10/80) NRCM 0240	0	FFICIAL I	RECORD	COPY	·	I. <u></u>



, •

FEB 0 6 1984

DISTRIBUTION Document Control (50-528) PRC System JLee (2)

DOCKET NO(S). 50-528 The Honorable Morris K. Udall, Chairman Subcommittee on Energy and the Environment Committe on Interior and Insular Affairs United States House of Representatives Washington, D. C. 20515
SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL. PALO VERDE NUCLEAR GENERATING STATION, UNIT 1
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No, dated
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
x Order Extending Construction Completion Date, dated December 29, 1983
Other (Specify)
۲ ،
Office of Nuclear Reactor Regulation
Enclosures: As stated

cc: Representative Manuel Lujan bcc: OCA

£ . **

OFFICE	LB#3:DL					
	Wee:1f					
DATE						
						 <u> </u>
NRC FORM 31	8 (10/80) NRCM 0240	0	FFICIAL	RECORD	COPY	

. 🤇

).

•

• •

	at and the
	Document Control (528/529/530 PRC System JLee (2)
	DEC 2 2 1983
	DOCKET NO(S). 50-528/529/530
	The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20515
	SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3
	The following documents concerning our review of the subject facility are transmitted for your information.
	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
	Notice of Availability of Draft/Final Environmental Statement, dated
	X Safety Evaluation Report, or Supplement No. <u>5</u> , dated <u>November 1983</u> .
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License.
	Application and Safety Analysis Report, Volume
	Amendment No to Application/SAR dated
	Construction Permit No. CPPR, Amendment No, dated
	Facility Operating License No, Amendment No, dated
•	Order Extending Construction Completion Date, dated
	Other (Specify)
	Office of Nuclear Reactor Regulation
	Enclosures:
	As stated cc. Senator Gary Hart
	cc: OCA
	•

OFFICE	₽Ь:₽В#3					
	JI/se:ft	 				
DATED	12/22483					,
	8 (10/80) NRCM 0240	 	RECORD	l	i	I

`. *.

• • • • • •

કર્**ક** અને ક્રાક્ર ક્રમ્ટ્ર ક્રમ્ટ્ર ક્રમ્ટ્ર

, **•**

•

· · ·

•

DEG 2 2 1983

RIBUTION

PRC System JLee (2)

Office of Nuclear Reactor Regulation

Document Control (50-528/529/530)

DOCKET NO(S). 50-528/529/530

The Honorable Morris K. Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information.

Enclosures: As stated

â.,

cc: Representative Manuel Iujan

bcc: OCA

				•		
OFFICED	ØЬ: ДВ#3.					
	State:ft					
DATE	12/22/83					
			·····			 I
NRC FORM 31	8 (10/80) NRCM 0240	0	FFICIAL I	RECORD	COPY	

.

- - - - - - -

.

IZIKIBULIUN			
ocument Control	(50-528/52	29/53	30)
RC System	I		-
Lee (2)		`	

DEC 2 2 1983

DOCKET NO(S). 50-528/529/530

١.

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING

STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information.

Notice of Receipt of Application.

___ Draft/Final Environmental Statement, dated ______.

____ Notice of Availability of Draft/Final Environmental Statement, dated _____

X Safety Evaluation Report, or Supplement No. 5, dated November 1983

Notice of Hearing on Application for Construction Permit.

Notice of Consideration of Issuance of Facility Operating License.

Application and Safety Analysis Report, Volume

Amendment No. _____ to Application/SAR dated _____.

Construction Permit No. CPPR-_____, Amendment No. _____, dated _____

Facility Operating License No._____, Amendment No._____, dated _____

Order Extending Construction Completion Date, dated _____.

_ Other (Specify) _____

Office of Nuclear Reactor Regulation

Enclosures: As stated

cc: Representative Carlos Moorhead

bcc: OCA

OFFICED (D); B#3 SURNAMED JIZES: ft DATED 12/22/83. NRC FORM 318 (10/80) NRCM 0240 OFFICIAL RECORD COPY

November 18, 1982

Y SR

NRC FORM 318 (10/80) NRCM 0240

.

ACRS

52

DOCKET NO(S). 50-528 The Honorable Toby Moffett, Chairman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL - PALO VERDE NUCLEAR GENERATING STATION, UNIT 1
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No, dated,
□ Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
X Order Extending Construction Completion Date, dated <u>November 4, 1982</u> .
Other (Specify)
Office of Nuclear Reactor Regulation
Enclosures: As stated
cc: Representative Joel Deckard
bec: OCA
OFFICED DI TB#3
DATED 11/18/82

OFFICIAL RECORD COPY

the second s

γ

* • •

,

1. 1. 1. 2.

November 18, 1982

DOCKET NO(S). STN 50-528 The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNIT 1 The following documents concerning our review of the subject facility are transmitted for your information. Notice of Receipt of Application. Draft/Final Environmental Statement, dated _____ Notice of Availability of Draft/Final Environmental Statement, dated Safety Evaluation Report, or Supplement No. _____, dated _____, Notice of Hearing on Application for Construction Permit. Notice of Consideration of Issuance of Facility Operating License. Application and Safety Analysis Report, Volume _____. Amendment No. _____ to Application/SAR dated ______. Construction Permit No. CPPR-_____, Amendment No. _____, dated _____ Facility Operating License No._____, Amendment No._____, dated _____ Order Extending Construction Completion Date, dated <u>November 4, 1982</u>. Other (Specify) Office of Nuclear Reactor Regulation **Enclosures:** As stated cc: Representative Carlos Moorhead . bcc: OCA

OFFICED DIAIB#3. SURNAMED JIE DATED .11/18/82. NRC FORM 318 (10/80) NRCM 0240 OFFICIAL RECORD COPY 1

t

r J

• • • ж. <u>1</u> . • ÷ D* ■ : **.** . •

* ħ 4

• e ŀ

^{م ع}ر در ۹ <mark>و چرر</mark> ۵ از خر ۹

,

November 18, 1982

12

DOCKET NO(S). SIN 50-528
The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515
SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNIT 1
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No, dated,
Notice of Hearing on Application for Construction Permit.
□ Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated,
Facility Operating License No, Amendment No, dated,
X Order Extending Construction Completion Date, dated <u>November 4, 1982</u> .
Other (Specify)
Office of Nuclear Reactor Regulation
Enclosures:

As stated

cc: Representative Manuel Iujan

bcc: OCA

							<u> </u>
OFFICED	. BLAB#3.						
SURNAME			•		٤		•••••
	7 2						
				l			
NRC FORM 318 (10/80) NRCM 0240 OFFICIAL RECORD COPY							

4 ун (х **ф**ех АС

۰ ۲ ۲

۶ ۰ ۰ ۰

• • •

۰ چېپ *

a , , ,

DOCKET NO(S). SIN 50-528
The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510
SUBJECT: ARIZONA PUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNIT 1
The following documents concerning our review of the subject facility are transmitted for your information."
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No, dated
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
X Order Extending Construction Completion Date, dated <u>November 4, 1982</u> .
Other (Specify)
Office of Nuclear Reactor Regulation
Enclosures: As stated
cc: Senator Gary Hart
bcc: OCA
OFFICED DL-LB#3 SURNAMED JLOP DATED 11/18/82
۲ , , , , <i>, , , , , , , , , , , , , , </i>

OFFICIAL RECORD COPY

NRC FORM 318 (10/80) NRCM 0240

•

• • •

. . .

1 . А. ч. а |6 Ф.

н. Н .

. · · · · · • •

1 • • • • • • • • • *

· · ·

October 7, 1982
DOCKET NO(S). STN 50-528/529/530 The Honorable Toby Moffett, Chairman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
X Safety Evaluation Report, or Supplement No. <u>3</u> , dated <u>September 1982</u> .
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated,
Order Extending Construction Completion Date, dated
Other (Specify)
Qffice of Nuclear Reactor Regulation Enclosures: As stated

, --

5

.

.

ie tee d

cc: Rep	resentative	9 Joel Decka	rd	• • •	•		
bcc: a	CA				-		,
OFFICE	· · · · · · · · · · · · · · · · · · ·						
SURNAME)	(•••••	••••	• • • • • • • • • • • • • • • • • • •		•••••	
NRC FORM 31	B (10/80) NRCM 0240	 C		RECORD	COPY	<u> </u>	

OFFICIAL RECORD COPY

۲. -

October 7, 1982
DOCKET NO(S). STN 50-528/529/530 The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA HUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
X Safety Evaluation Report, or Supplement No3_, datedSeptember 1982
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
Order Extending Construction Completion Date, dated
Other (Specify)
Office of Nuclear Reactor Regulation

Enclosures: As stated

cc: Representative Manuel Lujan

bcc: OCA	-				
OFFICED DE: 18#	3				τ.
SURNAMED JARE					•••••
DATED 10/.7/.8	2			••	
NRC FORM 318 (10/80) NRCM 02	• OFF	ICIAL RECO	RD COPY	····	·



.

e de la companya de l Nome de la companya de

October 7, 1982
DOCKET NO(S). SIN 50-528/529/530
DOCKET NO(S). SIN 50-525/529/550 The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D. C. 20515
SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No3, dated September 1982
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
U Order Extending Construction Completion Date, dated
Other (Specify)
Office of Nuclear Reactor Regulation
Enclosures: As stated
cc: Representative Carlos Moorhead
-
bcc: OCA
OFFICED DT: 15#3.
DATED 10/7/82

.

2

• • •

, . .

.

October	7.	1982
---------	----	------

DOCKET NO(S). SIN 50-528/529/530
The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation
Committee on Environment and Public Norks
United States Senate
Washington, D.C. 20510
SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
X Safety Evaluation Report, or Supplement No3_, datedSeptember 1982
□ Notice of Hearing on Application for Construction Permit.
□ Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
Order Extending Construction Completion Date, dated
Other (Specify)

• • • •

ă

· · · · · ·

5 p² − 5 g , ●

May	26,	1982
-----	-----	------

DOCKET NO(S). STN 50-528/529/530 The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515
SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No. 2, dated May 1982
□ Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
Order Extending Construction Completion Date, dated
Other (Specify)
· ·
Office of Nuclear Reactor Regulation
Enclosures: As stated
cc: Representative Manuel Lujan
bcc: OCA
OFFICED DI IB#3
SURNAMED JDEC
DATED 5/26/82

NRC FORM 318 (10/80) NRCM 0240

THUX.

OFFICIAL RECORD COPY





*

•

*

١

May	26,	1982
-----	-----	------

DOCKET NO(S). STN 50-528/529/530
The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515
SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information.
□ Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
Safety Evaluation Report, or Supplement No. 2, dated 1982
Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
Order Extending Construction Completion Date, dated
Other (Specify)
Office of Nuclear Reactor Regulation
Enclosures: As stated
cc: Representative Carlos Moorhead
bcc: OCA
state state
OFFICED DL IB#3
SURNAMED JACO
······································

NRC FORM 318 (10/80) NRCM 0240

۲

.

-

.

May 26, 1982					
DOCKET NO(S). SIN 50-528/529/530 The Honorable Toby Moffett, Chairman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations United States House of Representatives Washington, D.C. 20515 SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3					
The following documents concerning our review of the subject facility are transmitted for your information.					
□ Notice of Receipt of Application.					
Draft/Final Environmental Statement, dated					
Notice of Availability of Draft/Final Environmental Statement, dated					
X Safety Evaluation Report, or Supplement No. 2, dated May 1982					
Notice of Hearing on Application for Construction Permit.					
Notice of Consideration of Issuance of Facility Operating License.					
Application and Safety Analysis Report, Volume					
Amendment No to Application/SAR dated					
Construction Permit No. CPPR, Amendment No, dated					
Facility Operating License No, Amendment No, dated, dated					
Order Extending Construction Completion Date, dated					
U Other (Specify)					
Office of Nuclear Reactor Regulation					
Enclosures: As stated					
cc: Representative Joel Deckard					
bcc: OCA					
state					
DATE 0 5/26/82					
NRC FORM 318 (10/80) NRCM 0240 OFFICIAL RECORD COPY					

ĵ.



نين جنگ وي جنگ

· ·

.

. ٩ .

. . . · · ·

May 26, 1982
DOCKET NO(S). STN 50-528/529/530 The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510 SUBJECT: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3
The following documents concerning our review of the subject facility are transmitted for your information.
Notice of Receipt of Application.
Draft/Final Environmental Statement, dated
Notice of Availability of Draft/Final Environmental Statement, dated
X Safety Evaluation Report, or Supplement No. 2, dated May 1982.
□ Notice of Hearing on Application for Construction Permit.
Notice of Consideration of Issuance of Facility Operating License.
Application and Safety Analysis Report, Volume
Amendment No to Application/SAR dated
Construction Permit No. CPPR, Amendment No, dated
Facility Operating License No, Amendment No, dated
Order Extending Construction Completion Date, dated
Other (Specify)
,

,×

Office of Nuclear Reactor Regulation

Enclosures: As stated					k
cc: Senator Gary Har	t .				`
bcc: OCA		•	1		·.sate
OFFICED DL: 18#3					•
			•		• • • • • • • • • • • • • • • • • • • •
DATE 5/20/82					: : • • • • • • • • • • • • • • • • • •
NRC FORM 318 (10/60) NRCM 0240 OFFICIAL RECORD COPY					

.

. . ,

•

▼ a 1 **a** _ 1 ● 1

د ۲

May 7, 1982

Docket No. STN 50-523, 529, 530 The Honorable Toby Moffett, Chalrman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations United States House of Representatives	
Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1 AND 2	
The following documents concerning our review of the subject facility are transmitted for your information:	
Notice of Receipt of Application.	
Draft/Final Environmental Statement, dated	
Safety Evaluation, or Supplement No,dated	
Notice of Hearing on Application for Construction Permit.	
Notice of Consideration of Issuance of Facility Operating License.	1
Application and Safety Analysis Report, Vol.	
Amendment Noto Application/SAR, dated	
Construction Permit No. CPPR,dated	
Facility Operating License No. DPR, NPF, dated CPPR-142, CPPR-143	
CPPR-142, CPPR-143 X Amendment No. <u>4</u> to CPPR- <u>141</u> or DRR- <u></u> ,dated <u>4/28/82</u>	
Other:	
<u> </u>	
Office of Nuclear Reactor Regulation	
Enclosures: As stated	
cc: Representative Joel Deckard	
bcc: OCA	
OFFICE DL LB#3	1
SURNAME	• • •
DATE 5/7/82	

۴,

فتجرير

ця. 1947 — Мариян Полоник, 1947 — 1947 — 1947 1947 — Полоник Полоник, 1947 — 1947 — 1947 — 1947 — 1947 — 1947 — 1947

May 7, 1982

Docket No. STN 50-528/529/530

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3

The following documents concerning our review of the subject facility are transmitted for your information:

-•
<i>i</i>
unus 2240 T
8
، • - محمد - رسم
x
tion
ι

cc: Representative Carlos Moorhead	cc:	Representative	Carlos	Moorhead
------------------------------------	-----	----------------	--------	----------

· bcc: CCA LIB#3 OFFICE -SURNAME I DATE

lagartan tanan bar tanan ∰ran

and the second second

- مواجع به المحمد الم المحمد المحم
 - and the second second
- ی به ۱۹۹۹ این ۲۰۱۹ این ۲۰۱۹ این ۲۰۱۹ این ۲۰۱۹ می این ۲۰۱۹ این می ۲۰۱۹ ۲۰
- т **В** "**a**
 - эн. 14 холон (1997)
 - js of the attraction of the second

 - and the second second
 - - алан айтаа айта Айтаа айта

- . . . ₩ ***** ra Ingina Angina
- ा **के भाषा भ**र के दूस हो भाषा ग क 1 2 1

	UNITED	STAT	ES
NUCLEAR	REGULAT	rory	COMMISSION
WA	SHINGTO	N D.C	. 20555

May 7, 1982

Docket No. STN 50-528/529/530

NRC-

The Honorable Alan Simpson Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510

Subject: ARIZONA PUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

Office of Nuclear Reactor Regulation

Enclo As st	osures:				
cc:	Senator Gary	Hart	,		
bcc:	OCA			 	
		P			
5	Jul	*********			
SURNAME 🛏 DATE 🛏	r In Inc		****	 	
-21 (6-76)	r	1	<u> </u>	 	

a start and a second

ANT BENEZEMAN AND

May 7, 1982

Docket No. SIN 50-528/529/530

The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior & Insular Affairs United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3

The following documents concerning our review of the subject facility are transmitted for your information:

Notice of Receipt of Application.
Draft/Final Environmental Statement, dated ______

Safety Evaluation, or Supplement No._____, dated _____

Notice of Hearing on Application for Construction Permit.

Notice of Consideration of Issuance of Facility Operating License.

Application and Safety Analysis Report, Vol.

Amendment No. _____to Application/SAR, dated _____

Construction Permit No. CPPR- _____,dated_____

Facility Operating License No. DPR-____, NPF-____, dated______ CPPR-142 & CPPR-143

Amendment No. _4_ to CPPR-141/ or DRR-____, dated ____4/28/82___,

Other:

Office of Nuclear Reactor Regulation

r

Encl	osures:		
As st	ated		
cc:	Representative	Manuel	Injan
bcc	: OCA		

055105	DL:18#3	7		×	
	DL:18#3 JLee 5/7/82	1	1		
	5/7/82	 			

د ي

م ج پیل کی کار ا

in the terms of ter A a P डी तो है।

<u>م</u> ۲ r it get, a k C 62 4

n a j r a · ь *****ј -а л^акарала **К**арала ¶ar .)

and a second second

5 (<u>)</u>

f^em ^C ^C ^C ^C ^C ب به ا 1.11 ۰ × * й. 1

2 14 - X

54 T 1 1

April 7, 1982

Docket No. STN 50-528/529/530

The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
	Safety Evaluation, or Supplement No, dated,
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License.
	Application and Safety Analysis Report, Vol
	Amendment Noto Application/SAR, dated
	Construction Permit No. CPPR,dated
	Facility Operating License No. DPR, NPF, dated
I	CPPR-142 & CPPR-143 Amendment No3 to CPPR-141/or DRR,dated3/26/82
	Other:

Office of Nuclear Reactor Regulation

State

Enclosures: As stated

cc: Representative Manuel Injan

bcc			 		·
	DL:IB#3				
	JIEe	ى		i .	
SURNAMÉ -	4/7/82	· · · · · · · · · · · · · · · · · · ·			
DAIL		1	1		1

y ≠ - , 1 e * , - , 1 1 12 12 12 12 1 e e^{nt}

, u , , Ĵ. • " ۲

1 . 1 1

. . .

#:

**** *

ž -راهو د ۲۱

1' . * v

the second second

C 1 2 1 1 41 . ·

> م بر معمود م البی معمود م بر مراجع می الم e de la composition de

. المحمو بر⁴ 1

,• Gx 3 31 1

- a 4 STATE AND

April 7, 1982

Docket No. SIN 50-528/529/530

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.	-		
	Draft/Final Environmental Statement, dated			
	Safety Evaluation, or Supplement No, dated		¥	
	Notice of Hearing on Application for Construction Permit.		2	
	Notice of Consideration of Issuance of Facility Operating License	с.		
	Application and Safety Analysis Report, Vol.			
	Amendment Noto Application/SAR, dated		••••••••••••••	
·	Construction Permit No. CPPR,dated			
	Facility Operating License No. DPR, NPF, d	ated	•	i
Ţ	CPFR-142 & CPFR-1 Amendment No3_ to CPPR <u>141</u> /or DRR,dated	43 3/26	/82	ł
	Other:		, 	-
	<u></u>	<u></u>		
بإ	, : ,	1	×	
	Office of Nucle	ear Reactor R	egulation	
Encl	osures:			
As s	tated			
cc:	Representative Carlos Moorhead		1	
bcc	: OCA			<i>"</i> 1
OFFICE	DL;LB#3			
01011447F -	JIE	, 1		
SURNAME -			r 	
DATÉ	4/7/82			

الم الجهيدية الم المراجع المراجع

.

April 7, 1982

Docket No. STN 50-528/529/530

The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510

Subject: ARIZONA HUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
	Safety Evaluation, or Supplement No,dated,
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License.
	Application and Safety Analysis Report, Vol
	Amendment Noto Application/SAR, dated,
	Construction Permit No. CPPR,dated
	Facility Operating License No. DPR, NPF, dated
[]	CPPR-142 & CPPR-143 Amendment No3_ to CPPR-141/ or DRR,dated3/26/82
	Other:
	۱ ۱

Óffice of Nuclear Reactor Regulation

Enclosures:	
As stated	1

cc: Senator Gary Hart

DCC			 		
015105 -	(-DL:1B#3	-		·	
	TT ST	,	 ,		
	3/26/82		 		

1. 1. **1**.

t.

۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۱۹۹۹ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۱۹ ана (1993) С the second second

ų т т,т,т,т, к кла_з

and the second second

a get the second s , • » :

11 i ۳ ر . **L** . •

> الأنبالي المراجع ٢,

T

r Ì 4. ¹ 8

: ?: : 'ສ`

April 7, 1982

The Subc an Comm Unit	STN 50-528/529/530 Honorable Toby Moffett, Chairman committee on Environment, Energy d Natural Resources ittee on Government Operations ed States House of Representatives ington, D.C. 20515 : ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3			
	llowing documents concerning our review of the subject facility			
	Notice of Receipt of Application.			
	Draft/Final Environmental Statement, dated			
	Safety Evaluation, or Supplement No, dated			
	Notice of Hearing on Application for Construction Permit.			
	Notice of Consideration of Issuance of Facility Operating License.			
	Application and Safety Analysis Report, Vol			
	Amendment Noto Application/SAR, dated			
	Construction Permit No. CPPR,dated			
	Facility Operating License No. DPR, NPF, dated			
x	CPPR-142 & CPPR-143 Amendment No,3_ to CPPR141/or DRR,dated3/26/82			
, 🗖	Other:			
	Office of Nuclear Reactor Regulation			
Enclos As stat				
cc: R bcc:	epresentative Joel Deckard CCA			
OFFICE	DL:1B#3			
	JLee L/7/82			

NRC-21 (6-76)

DATE

e state taget e

n a ta substance a substance

e4. a

T TANK T

March 24, 1982

	March 24, 1982		•
I	Docket No. STN 50-528/529/530 The Honorable Toby Moffett, Chairman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations	·	
1	United States House of Representatives		
	Subject: ARIZONA PUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3		۱ ,
	. The following documents concerning our review of the subject facility are transmitted for your information:	۰ ۰	
	Notice of Receipt of Application.	×	
6	Draft/Final Environmental Statement, dated		~
	Safety Evaluation, or Supplement No,dated		t
	Notice of Hearing on Application for Construction Permit.	¹ 4	
	Notice of Consideration of Issuance of Facility Operating License.	1) e	
	Application and Safety Analysis Report, Vol.		
	Amendment Noto Application/SAR, dated	-•	4
	Construction Permit No. CPPR,dated	T	
	Facility Operating License No. DPR, NPF, dated		
	Amendment No; to CPPR or DRR,dated	•	
ਮ -	Conter:Notice_of_Availability_of_Final_Environmental_State	ement	,
		r	- '- -
	Office of Nuclear Reactor Regulation	n	г
I.	 Enclosures: As stated 	- 1 -	
,	(C) Device month dataset food Doological		
*	cc: Representative Joel Deckard bcc: CCA		
,	OFFICE DL: LB#3		
/ . -	SURNAME CLIDER		
	DATE - 3/24/82		
NRC-2	21 (6-76)		

state

ر ۲۰ ۹.

the states in th

×°`.

• • • • •

در ان بر ایج ۱ . . .

and the second and the second and the second second

*

'⊧**`** ₩ × 1* . **U**

X 1 6 7

9 **a** * *

the state of the second st

• ` • , r

> A CONTRACTOR • · • • ·. •

March 24, 1982

Docket No. STN 50-528/529/530

The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
	Safety Evaluation, or Supplement No, dated
	Notice of Hearing on Application for Construction Permit.
•	Notice of Consideration of Issuance of Facility Operating License.
	Application and Safety Analysis Report, Vol.
	Amendment Noto Application/SAR, dated
	Construction Permit No. CPPR,dated,
	Facility Operating License No. DPR, NPF, dated
	Amendment No to CPPR or DRR,dated
Ţ.	Other:Notice_of_Availability_of_Final_Environmental_Statement
	· · · · · · · · · · · · · · · · · · ·
ų	· ·
	Office of Nuclear Reactor Regulation
Enclos	

As stated

state



a di di di sera y

March 24, 1982

Docket No. STN 50-528/529/530

The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.			
·	Draft/Final Environmental Statement, dated			
	Safety Evaluation, or Supplement No,,dated			
	Notice of Hearing on Application for Construction Permit.	1		
	Notice of Consideration of Issuance of Facility Operating License.			
	Application and Safety Analysis Report, Vol.			
	Amendment Noto Application/SAR, dated			
	Construction Permit No. CPPR,dated,			
	Facility Operating License No. DPR, NPF, dated			
	Amendment No to CPPR or DRR,dated	8		
I	Other: Notice of Availability of Final Environmental Statemen	t		
	۰ ۳۰ 			
	Office of Nuclear Reactor Regulation			
Enclos				
As sta	ited			

cc: bcc	Representative	Manuel Iujai	n		
	DL:IB#3				
	3/24/82			*	

5 5 5 5 1695 1695 64 - 83 57 16 10-5 6

حادي الأي ال العربي العربي مسيحة (يا الع

• • •

b , ç.

и на селото на селот Селото на с Селото на с , **,** 4

н С. _____ at at an

• • 1111

· • ,) [,] AF CA Az +

۴. . ેન

۴,

•

р., в 5 - Р. – 1 3 C 10 - 2

, E

March 24, 1982

Docket No. STN 50-528/529/530

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 & 3

The following documents concerning our review of the subject facility are transmitted for your information:

Office of Nuclear Reactor Regulation

state

Enclosures: As stated

cc: Representative Carlos Moorhead

bcc: CCA DL:1B#3. SURNAME '82 DATE NRC-21 (6-76)

s _k d 1 s s s s d s s t

j ;+ % • • • •••

the second se н ,

, · · ·

en en la companya de 1

the construction of the co · •

- -• - t i #L

and the second · · · ·

March 1, 1982

Docket No. STN 50-528/529/530

The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

		Notice of Receipt of Application.	
		Draft/Final Environmental Statement, dated	
	X	Safety Evaluation, or Supplement No, datedFebruary 1982	
		Notice of Hearing on Application for Construction Permit.	
		Notice of Consideration of Issuance of Facility Operating License.	÷ .
		Application and Safety Analysis Report, Vol	4
		Amendment Noto Application/SAR, dated,	
		Construction Permit No. CPPR, dated	
		Facility Operating License No. DPR, NPF, dated	
-		Amendment No to CPPR or DRR,dated	
		Other:	
		· · · · · · · · · · · · · · · · · · ·	
1 #1		fin de la companya de	11
		• Office of Nuclear Reactor Regulation	
	Enclo: As sta	sures: ated	1
	cc: bcc:	Representative Manuel Lujan CCA	
11 11		-DL:1B#3	
SU		JILee 3/1/82	~~~~
NRC-21 (6-7			
		S. S. S.	have

- - 12 (24) (17) 18 31 2 2
 - - at such from the second second
 - - and the second second

- ام الأصحاب الأكثر من الأمانية المحالة ا المحالة المحالة
 - له ۱۰ می ۲۹ مه ۱۹ م از ۲۹ می م
- sa the same the sam
- **6** 6
- - the state of the s j de la **s**ant l Santa de la santa Balancia de la santa de la s
- ب 1 [°] به من 2 ∳ ∳ ب

March 1, 1982

Docket No. STN 50-528/529/530

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
x	Safety Evaluation, or Supplement No. 1, dated _ February 1982
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License.
	Application and Safety Analysis Report, Vol.
, F	Amendment Noto Application/SAR, dated
	Construction Permit No. CPPR,dated
	Facility Operating License No. DPR, NPF, dated,
	Amendment No to CPPR or DRR,dated
	Other:

Office of Nuclear Reactor Regulation

	Enclosures: As stated		1	t				1
۲ ۱	cc: Repr bcc: O		ve Carlos M	oorhead	,		,	
	N	_						
SU	DATE - 3/3	82						
NRC-21 (6.76	5)					ř.		

The part Mart

(دیک به از ۲۰۱۵ آن کی کرد ۲۰۱۹ مولا ۹۹ آنت یو الایکی تری این محمد به میلین در آن کرد ۲۰۱۹ از ۲۰۱۹ میلی ۲۰۱۹ از ۲۰۱۹ به از آن مرد این ایک ۲۰۱۹ از ۲۰۱۹ از ۲۰۱۹ به از ایک آنی و ایک ۲۰۱۹ از ۲۰۱۹ میلی ایک ۲۰۱۹ از ۲۰۱۹ از ۲۰۱۹ میلی ایک ۲۰۱۹ میلی ایک ۲۰۱۹ میلی در ۲۰۱۹ میلی ۲۰

, 1, ¹

UN	ITED STA	TES	
NUCLEAR REG	ULATORY	COMMISSION	
WASHIN	IGTON D.C	, 20555	•

March 1, 1982

Docket No. STN 50-528/529/530

The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

Notice of Receipt of Application. Draft/Final Environmental Statement, dated |x| Safety Evaluation, or Supplement No. 1_, dated __February_1982_ Notice of Hearing on Application for Construction Permit. Notice of Consideration of Issuance of Facility Operating License. Application and Safety Analysis Report, Vol. Amendment No. _____to Application/SAR, dated _____ Construction Permit No. CPPR-____,dated__ Facility Operating License No. DPR-____, NPF-____, dated____ Amendment No. _____ to CPPR-____ or DRR-____,dated ____ Other: _ Office of Nuclear Reactor Regulation **Enclosures:** As stated Senator Cary Hart cc:

bcc: CCA OFFICE - -DL: IB#3 SURNAME - JPee - JPee - JPee

NRC-21 (6-76)

e 400, e

COSA -

J . ,

المحجرين الأستريني المتراجع المراجع المراجع

the state the second ter br

STATES STATES 1. 1. 1. 1.

and the second second

ક તક્રું તે **તે** હુસ્ - ત . • 21

. at a terr t

S. Brain e ...

1. <u>1</u>. » ۲ ا

5° 1° 75 19 E

\$. 1 1. H

121 s Æst "

¢1

March 1, 1982

Docket No. STN 50-528/529/530 The Honorable Toby Moffett, Chairman		
Subcommittee on Environment, Energy and	-	
Natural Resources Committee on Government Operations		
United States House of Representatives Washington, D.C. 20515	u)	
Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3		
The following documents concerning our review of the subject facility are transmitted for your information:		
Notice of Receipt of Application.		
Draft/Final Environmental Statement, dated		
Safety Evaluation, or Supplement No. <u>1</u> , dated <u>February 1982</u> .		
Notice of Hearing on Application for Construction Permit.		
Notice of Consideration of Issuance of Facility Operating License.		
Application and Safety Analysis Report, Vol		
Amendment Noto Application/SAR, dated		
Construction Permit No. CPPR,dated		
Facility Operating License No. DPR, NPF, dated		
Amendment No, to CPPR or DRR,dated		
Other:		
د. هو مراجع		
Office of Nuclear Reactor Regulation		
Enclosures:		
As stated		
cc: Representative Joel Deckard		
bcc: OCA	<u> </u>	<u></u>
OFFICE DL; LB#3	{	ب مر ب
SURNAME - JITEE	••••	
DATE - 3/1/82	<u> </u>	
NRC-21 (6-76)		

......

العرب العالي المرية في من المرية في من المرية في المرية في المرية في المرية التي يترية في المرية المرية المرية المركز الما المعالية أن أن المرية ا المرية المرية

and the second second

ъ́́с, ќ́.

December 9, 1981

Docket No. STN 50-528/529/530

The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.	
	Draft/Final Environmental Statement, dated	
X	Safety Evaluation, or Supplement No,datedNovember_1981	
	Notice of Hearing on Application for Construction Permit.	
	Notice of Consideration of Issuance of Facility Operating License.	
	Application and Safety Analysis Report, Vol,	•
	Amendment Noto Application/SAR, dated	
	Construction Permit No. CPPR,dated,	
	Facility Operating License No. DPR, NPF, dated	
	Amendment No to CPPR or DRR,dated	,
	Other:	janga.
	·	_
المس	Office of Nuclear Reactor Regulation	1

As stated

a ta	cc:	Representative	Manuel Iuja	a		4,	
citate	bcc	CCA				e	
				· · · · ·			
		Jize	£			:	1
5	DATE	12/9/81			*****	****	
NRC-21 (6-	76)		ri I				

n de la companya de l La companya de la comp

- 1 *** * * ***

ار الاحتيار العليمي والمراجع المن المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراج الأحداث المراجع المراجع

the second se

December 9, 1981

Docket No. STN 50-528/529/530

The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

Office of Nuclear Reactor Regulation

-	Enclosures: As stated	e E		1		
16.60	cc: Senator G	ary Hart			•	
	FICE DL: 18#3					, д
	DATE12/9/81					
NRC-21 (6-76)			4	 E		

1. N. N. 19.13

a the second sec

and the second second

ت پر خلا پردین ۲۰۰۰ اور به ۳۰ م

December 9, 1981

Docket No. STN 50-528/529/530

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation & Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
x	Safety Evaluation, or Supplement No, dated <u>November 1981</u> .
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License.
	Application and Safety Analysis Report, Vol
	Amendment Noto Application/SAR, dated
	Construction Permit No. CPPR,dated
	Facility Operating License No. DPR, NPF, dated
	Amendment No to CPPR or DRR,dated
	Other:
	a ta

Office of Nuclear Reactor Regulation

Enclosures:	
As stated	

State cc: Representative bcc: OCA	Carlos Moorhe	bad	,		
OFFICE DL IB#3					
		- L			
SURNAME - 18/9/81			, 	· · · · · · · · · · · · · · · · · · ·	
NRC-21 (6-76)				13	

ر به الله المحمد ال محمد المحمد ال محمد المحمد ا

. .

A AM ST A AND

الحماد من الملك ومنهم كران المحمد عليه المن المحمد عليه المن المحمد عليه المن المحمد عليه المحمد عليه المحمد ع المحمد المحمد

ا در چه د رومی دارد او می دارد او می دارد. م

ی اور این اور ا این اور ا این اور این اور

the state of the

a de la companya de l La companya de la comp



December 9, 1981

Docket No. STN 50-528/529/530 The Honorable Toby Moffett, Chairman Subcommittee on Environment, Energy and Natural Resources Committee on Government Operations United States House of Representatives Washington, D.C. 20515 Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
	Draft/Final Environmental Statement, dated
X	Safety Evaluation, or Supplement No,dated November 1981
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License.
, .	Application and Safety Analysis Report, Vol.
	Amendment Noto Application/SAR, dated
	Construction Permit No. CPPR,dated
	Facility Operating License No. DPR, NPF, dated
	Amendment No to CPPR or DRR, dated
	Other:
	•
	Office of Nuclear Reactor Regulation
Enclos	sures:

As stated

State cc: Representative Joel Deckard

DCC				
	DI; IB#3			, a
	$V \Delta N$			
SURNAME 🛏	<u>9708</u>	 		
DATE -	12/9/81	 		
NRC-21 (6-76)			×	

مومون ^{معر}ب کر والی کر این محکوم ماری کار میں میں ایک کر محکوم میں ایک کر ایک . . .

E. 1997 2014 2014 - 19 2014 - 2014 2014 - 2014 2014 - 2014 2014 - 2014 ٩ , , • Sr.

**

- ي اني:

ť

a gitte a the second se ، 1 ه م ۱۱۰۰ م 2190 4. • 71 , ,≓_nt

44 ь,

> ·••• S 51,8 4 5.0

> > الا أروك والدر

1 :

5 ° 3-

۴r, 01

a ina di 1. 144

October 30, 1981

STN 50-528/529/530 Docket No.

The Honorable Morris Udall, Chairman Subcommittee on Energy and the Environment Committee on Interior and Insular Affairs United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

•		Notice of Receipt of Application.	
	X	Notice of Availability of 10/30/81	
		Safety Evaluation, or Supplement No, dated,	
		Notice of Hearing on Application for Construction Permit.	
		Notice of Consideration of Issuance of Facility Operating License.	
		Application and Safety Analysis Report, Vol.	,
-		Amendment Noto Application/SAR, dated	
		Construction Permit No. CPPR,dated	
		Facility Operating License No. DPR, NPF, dated	
		Amendment No to CPPR or DRR,dated	•
		Other:	
•		х Палитика и политика и п Палитика и политика и п	
		Office of Nuclear Reactor Regulation	
	Enclo As sta	osures:	
	cc;	Representative Manuel Lujan	
	bcc:	OCA	
Ő	FFICE -	DL:18#3	
SUR	NAME 🛏	Jee	ļ
		10/30/81	l

NRC-21 (6-76)

DATE .

State

s , ، 4

the st stands

and a stand of the second stand of the second stand of the second stand stand stand stand stand stand stand st The second stand stand

د این است اور ماه و ۱۳۵۰ مرجع к**ч**,

2 - A

a <u>a</u>ta da ana a

μ. ι

. نو ۱ بر ز . 44 , C.

a a francis ∍ີ∈າ ອີວັດຊື

October 30, 1981

Docket No. STN 50-528/529/530

The Honorable Richard Ottinger, Chairman Subcommittee on Energy Conservation and Power Committee on Energy and Commerce United States House of Representatives Washington, D.C. 20515

Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.		
	Notice of Availability of praft/FinakEnvironmental Statement, dated 10/30/81	-	
	Safety Evaluation, or Supplement No, dated	ŧ	
	Notice of Hearing on Application for Construction Permit.		
Ì	Notice of Consideration of Issuance of Facility Operating License.	,	
	Application and Safety Analysis Report, Vol	, ,	
	Amendment Noto Application/SAR, dated		
	Construction Permit No. CPPR,dated	,	L.
	Facility Operating License No. DPR, NPF, dated	-;.	
	Amendment No to CPPR or DRR, dated,		
	Other:	■ +	
		- ,	
		-	
	Office of Nuclear Reactor Regulation		
Enclo As sta	osures: ated		
cc:	Representative Carlos Moorhead		
bcc:	ACO		
	IL:IB#3		
RNAME -	,		

DATE _ 10/30/81

NRC-21 (6-76)

SU

.

PL F 1 47, 1 * - - ыģ

n ng ting gan ta ting ting. ∎ r v v r re la secondaria.

¥. بر ج . ".». (.^{*}) **,** '

1. A. C. M. . **'** 1 ***** 1

. ••

тарана аку 1 <mark>6</mark> -•

--

a .

. . .

October 30, 1981

Doc	t No. STN 50-528/529/530	н 1
•	The Honorable Alan Simpson, Chairman Subcommittee on Nuclear Regulation Committee on Environment and Public Works United States Senate Washington, D.C. 20510	1
	Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL PALO VERDE NUCLEAR GENERATING STATION, UNITS 1, 2 AND 3	
*.	The following documents concerning our review of the subject facility are transmitted for your information:	•
,	Notice of Receipt of Application.	
·	Notice of Availability Draft/Pival Environmental Statement, dated 10/30/81	
v	Safety Evaluation, or Supplement No,dated	•
	Notice of Hearing on Application for Construction Permit.	
	Notice of Consideration of Issuance of Facility Operating License.	,
Ξ	Application and Safety Analysis Report, Vol.	
	Amendment Noto Application/SAR, dated	
41	Construction Permit No. CPPR,dated	* 4 •
	Facility Operating License No. DPR, NPF, dated	
	Amendment No to CPPR or DRR,dated	
	Other:	-
		_
	Office of Nuclear Reactor Regulation	
	Enclosures:	,
	As stated	
٠	cc: The Honorable Gary Hart	
Of	CE DL: LB#3	
SUR	ME - JERE	
	NE _ 10/30/81	
RC-21 (6-76)		
	at the second	

بالا بر و ને સ ,1 ×.,

and the second sec

· . •

• • • • • • • •

. • , .e. '

,

for the second sec

tatis ∳tex 5 0

The first

October 30, 1981

Docket No. STN 50-528/529/530		
The Honorable Toby Moffett, Chairman		
Subcommittee on Environment, Energy and		
Natural Resources		
Committee on Government Operations		
U.S. House of Representatives		
Washington, D.C. 20515	1	
Subject: ARIZONA FUBLIC SERVICE COMPANY, ET AL	•	
PALO VERDE NUCLEAR GENERATING STATION,	UNITS 1,	2 AND 3

The following documents concerning our review of the subject facility are transmitted for your information:

	Notice of Receipt of Application.
X	Notice of Availability of Draft/First Environmental Statement, dated10/30/81
	Safety Evaluation, or Supplement No, dated,
	Notice of Hearing on Application for Construction Permit.
	Notice of Consideration of Issuance of Facility Operating License,
	Application and Safety Analysis Report, Vol.
	Amendment Noto Application/SAR, dated
	Construction Permit No. CPPR,dated
	Facility Operating License No. DPR, NPF, dated
	Amendment No to CPPR or DRR,dated
	Other:

Office of Nuclear Reactor Regulation

Enclo As st	osures:				·
cc; bcc		a Joel Deckard	d	r	
	DT • TP #2	+	ţ		
	Mar 1			. "	
SUBNAME 🛏 DATE 🛏	10/20/01				
NRC-21 (6-76)	¥i				s

. Ц М Ч

у**с** 1911 - 1911 1911 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1914 - 1 \$+ *

م

ı in

41 <u>-</u> *

•

· · · 17

1 . . * '

'n