

Related to 78-80-0056

Major

FEDERAL ASSISTANCE		2. Applicant's application a. Number NOS. STN 50-593 b. Date 19 Year Month Day June 26, 1979	3. State application identifier a. Number AZ 79-80-0035 b. Date 1979 05 04
1. Type Of Action (Mark appropriate box) <input type="checkbox"/> Preapplication <input type="checkbox"/> Application <input type="checkbox"/> Notification Of Intent (Opt.) <input type="checkbox"/> Report Of Federal Action		4. Legal Applicant/Recipient a. Applicant Name Nuclear Regulatory Commission b. Organization Unit Division of Site Safety and Environmental Analysis c. Street/P.O. Box Office of Nuclear Reactor Regulation d. City Washington e. County f. State D.C. g. Zip Code 20555 h. Contact Person Dr. R. A. Gilbert, Environmental Project Manager (Name & telephone no.) (301) 492-8439	
7. Title and description of applicant's project PALO VERDE NUCLEAR GENERATING STATION UNITS 4 AND 5 - DRAFT ENVIRONMENTAL STATEMENT - NUREG-0522 Issuance of construction permits to Az. Public Service Co. for construction of Palo Verde Nuclear Station (PVNGS) Units 4 & 5, to be constructed on same PVNGS site where Units 1, 2 & 3 are under construction; & to be replicates of Units 1, 2 & 3 which are pressurized water reactors producing up to 3817 megawatts thermal each. Steam turbine generator will use this heat to provide 1270 megawatts electric each. This will be a jointly owned facility by 11 entities.		5. Federal Employer Identification No. 6. Program (From Federal Catalog) a. Number 770099 b. Title Unknown U.S. Nuclear Regulatory Commission	
10. Area of project impact (Names of cities, counties, states, etc.) 15 Miles West of Buckeye, Maricopa County, Arizona		8. Type of applicant/recipient A-State B-Interstate C-Substate District D-County E-City F-School District G-Special Purpose District H-Community Action Agency I-Higher Educational Institution J-Indian Tribe K-Other (Specify) Federal Agency Enter appropriate letter <input checked="" type="checkbox"/> K	
13. Proposed Funding a. Federal \$.00 b. Applicant .00 c. State .00 d. Local .00 e. Other 1 .00 f. Total \$ 1 .00		11. Estimated number of persons benefiting 12. Type of application A-New B-Renewal C-Revision D-Continuation E-Augmentation Enter appropriate letter <input checked="" type="checkbox"/> A	
14. Congressional Districts Of: a. Applicant 01 02 03 04 b. Project 03		15. Type of change For 12c or 12e A-Increase Dollars B-Decrease Dollars C-Increase Duration D-Decrease Duration E-Cancellation F-Other Specify: Enter appropriate letter(s) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
16. Project Start Date Year month day 19		17. Project Duration Months	
18. Estimated date to be submitted to federal agency 19		19. Existing federal identification number	
20. Federal agency to receive request (Name, city, state, zip code)		21. Remarks added <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
22. The Applicant Certifies That a. To the best of my knowledge and belief, data in this preapplication/application are true and correct, the document has been duly authorized by the governing body of the applicant and the applicant will comply with the attached assurances if the assistance is approved. b. If required by OMB Circular A-95 this application was submitted, pursuant to instructions therein, to appropriate clearinghouses and all responses are attached: (1) Arizona State Clearinghouse (2) Region I Clearinghouse (MAG) (3)		No response attached <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
23. Certifying representative a. Typed name and title b. Signature c. Date signed Year month day 19		24. Agency name	
25. Application received 19		26. Organizational Unit	
27. Administrative office		28. Federal application identification	
29. Address		30. Federal grant identification	
31. Action taken <input type="checkbox"/> a. Awarded <input type="checkbox"/> b. Rejected <input type="checkbox"/> c. Returned for amendment <input type="checkbox"/> d. Deferred <input type="checkbox"/> e. Withdrawn		32. Funding a. Federal \$.00 b. Applicant .00 c. State .00 d. Local .00 e. Other .00 f. Total \$.00	
33. Action date 19		34. Starting date 19	
35. Contact for additional information (Name and telephone number) 309 122		36. Ending date 19	
37. Remarks added <input type="checkbox"/> Yes <input type="checkbox"/> No		38. Federal agency A-95 action a. In taking above action, any comments received from clearinghouses were considered. If agency response is due under provisions of Part 1, OMB Circular A-95, it has been or is being made. b. Federal Agency A-95 Official (Name and telephone number) Cool ES 011	

Section I - Applicant / Recipient Data

Section II - Certification

Section III - Federal Agency Action

13

Michael A. Ramnes, Director
Arizona State Parks Board
1688 West Adams, Rm. 109
Phoenix, AZ 85007

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Game & Fish
Ag. & Hort.
Indian Affairs
Civil Rights
Archaeological Res.
ASU Political Science
Center for Public Affairs
Energy Programs - S. Dolins
OEPAD: D. Moss

Health
Power
Water
Parks
Land

Region I

This project is referred to you for review and comment. Please evaluate as to:

- (1) the program's effect upon the plans and programs of your agency
- (2) the importance of its contribution to State and/or areawide goals and objectives
- (3) its accord with any applicable law, order or regulation with which you are familiar
- (4) additional considerations

Please return THIS FORM AND ONE XEROX COPY to the clearinghouse no later than 17 working days from the date noted above.

Please contact the clearinghouse if you need further information or additional time for review.

- No comment on this project
 Proposal is supported as written
 Comments as indicated below

Comments: (Use additional sheets if necessary)

POOR ORIGINAL

309 123

Reviewer's Signature

Allen W. Gross

Date

8 May 79

Title

RAI

Telephone

255 4174

John M. Little, Acting Comm.
State Land Department
1624 West Adams, 4th fl.
Phoenix, AZ 85007
ATTN: Jeff Yaeger

State Application Identifier (SAI)

MAY 4, 1979

State AZ No. 79-80-0035

Game & Fish	Health
Ag. & Hort.	Power
Indian Affairs	Water
Civil Rights	Parks
Archaeological Res.	Land
ASU Political Science	
Center for Public Affairs	
Energy Programs - S. Dolins	
OEPAD: D. Moss	

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Region I



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 Comments as indicated below

Comments: (Use additional sheets if necessary)

The State Land Department has reviewed the Draft EIS regarding the construction of Units 4 and 5 at the Palo Verde Nuclear Generating Station. It is the concern of the Department that adequate safeguards are maintained to insure that our adjacent trust lands will be safe from contamination and free for future development.

POOR ORIGINAL
309 124

Reviewer's Signature

Jeff Yaeger

Date

5/29/79

Title

Telephone

Mr. James R. Carter, Director
Agriculture & Horticulture Dept.
421 Capitol Annex West
Phoenix, Arizona 85007

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Game & Fish	Health
Ag. & Hort.	Power
Indian Affairs	Water
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Archaeological Res.	Land
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OEPAD: D. Moss	

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 Comments as indicated below

Comments: (Use additional sheets if necessary)

POOR ORIGINAL

309 125

Reviewer's Signature

James R. Carter

Date

5/8/79

Title

Director

Telephone

255-4373

O:

Mr. Clinton M. Pattea
Executive Secretary
Indian Affairs Commission
1645 West Jefferson St.
Phoenix, AZ 85007

State Application Issuance (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Game & Fish	Health
Ag. & Hort.	Power
Indian Affairs	Water
Civil Rights	Parks
Archaeological Res.	Land
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Center for Public Affairs	
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OEPAD: D. Moss	

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Comments: (Use additional sheets if necessary)

POOR ORIGINAL

309 126

Reviewer's Signature

Clinton M. Pattea

Date

5-25-79

Title

Telephone

Mr. Robert Jantzen, Director
Game and Fish Dept.
2222 W. Greenway
Phoenix, Arizona 85023

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

Game & Fish
Ag. & Hort.
Indian Affairs
Civil Rights
Archaeological Res.
ASU Political Science
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Energy Programs - S. Dolins
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Health
Power
Water
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Comments: (Use additional sheets if necessary)

Game and Fish Department comments regarding Palo Verde Nuclear Generating Station Units 4 and 5, DES-NUREG-0522, are in the same vein as those comments and concerns provided for PVNGS Units 1, 2 and 3 (75-80-0015), dated June 9, 1975.

Of particular concern is the discussion of water diversion for PVNGS (Section 5.5.1), and the long-term effect on the riparian habitat along the Gila River. The total loss or a significant reduction of the current flow of effluent into the river would most certainly have a negative impact on the existing habitat and its dependent wildlife.

POOR ORIGINAL

309 127

Reviewer's Signature

Robert K. Weaver

Date

5/29/79

Title

Wildlife Specialist

Telephone

942-3000

John J. Debolske, Exec. Dir.
Maricopa Ass'n of Governments
1820 W. Washington Street
Phoenix, AZ 85007

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No.

79-80-0035

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Game & Fish	Health
Ag. & Hort.	Power
Indian Affairs	Water
Civil Rights	Parks
Archaeological Res.	Land
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OEPAD: D. Moss	

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Comments: (Use additional sheets if necessary)

The Arizona Public Service Company and the Salt River Project have entered into an agreement with several municipalities using the 91st Avenue Wastewater Treatment Plant for the use of up to 140,000 acre feet of effluent per year. This effluent will be used in the operation of the Arizona Nuclear Power Plant (ANPP) generators. It is important to assure that sufficient water is available for the proposed reactors. Therefore, close cooperation between local governments and ANPP is essential.

309 128

Reviewer's Signature

Date

5/1/79

Title

Telephone

Mr. Wesley E. Steiner,
State Water Commission
222 N. Central Ave., Suite 800
Phoenix, Arizona 85004

State Application Identifier (SAI)

MAY 4, 1979

State AZ

No. 79-80-0035

Game & Fish
Ag. & Hort.
Indian Affairs
Civil Rights
Archaeological Res.
ASU Political Science
Center for Public Affairs
Energy Programs - S. Dolins
OEPAD: D. Moss

Health
Power
Water
Parks
Land

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Region I

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- No comment on this project
 Proposal is supported as written
 Comments as indicated below

Comments: (Use additional sheets if necessary)

309 129

Reviewer's Signature

T. Carr

Date

5-31-79

Mr. James E. Ayres
Associate Archaeologist
Arizona State Museum
The University of Arizona
Tucson, AZ 85721

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

to: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Game & Fish	Health
Ag. & Hort.	Power
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 Comments as indicated below

Comments: (Use additional sheets if necessary)

309 130

Reviewer's Signature

J. Ayres

Date: May 11, 1979

Associate Archaeologist

626-17-1

Dr. James Becker
Center for Public Affairs
Arizona State University
Tempe, Arizona 85281

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

Game & Fish	Health
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Arizona State Clearinghouse
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Region I

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 Comments as indicated below

Comments: (Use additional sheets if necessary) The socio-economic costs of this project
are not fully expressed nor adequately appraised.

Signature

R. J. Becker

Date

5-18-79

Prof. Center for Public Affairs

309 131
965-3926

Mr. Arthur Garcia, Exec. Dir.
Assistant Attorney General
AZ Civil Rights Division
1645 W. Jefferson Street
Phoenix AZ 85007

State Application Identifier (SAI)

MAY 4, 1979

State

AZ

No. 79-80-0035

From: Arizona State Clearinghouse
1700 West Washington Street, Room 505
Phoenix, Arizona 85007

Game & Fish	Health
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 Comments as indicated below

Comments: (Use additional sheets if necessary)

309 132

Reviewer's Signature Arthur L. Garcia
Executive Director

Date 5/8/79

255-5263

Telephone.....

Title.....

A-95 COMMENTS
PALO VERDE NUCLEAR GENERATING STATION UNITS 4 & 5

Due to time constraints, MAG staff has been able to conduct only a limited review of the Draft Environmental Statement. We do offer, however, the following comments for consideration:

1. The radiological monitoring system to be used during plant operation should be refined to incorporate any significant design improvements that may be forthcoming as a result of the Three Mile Island incident.
2. Somewhere within (Exhibit E, No. 2) there should be a discussion of the adequacy of future effluent flow from the 91st Avenue sewage treatment plant in meeting Unit's 4 and 5 cooling requirements. This issue is especially pertinent in that peak cooling water demands of Units 1, 2, 3 and proposal Units 4 and 5 of Palo Verde occur during the summer months when historically effluent flow from the 91st Avenue treatment plant are reduced.
3. It is suggested that a discussion of the communications system to be used in alerting state and local officials of a plant accident involving radiation releases be included within the Statement. The accident at the Three Mile Island Nuclear Generating Station points to the need for examination of such communication systems for Nuclear power facilities.

These comments are informational and meant solely to alert governmental agencies and the applicant of issues that should be examined.