

Mike Mills 042

DISTRIBUTION
Docket Files 70-2984
50-529 ✓

SEP 18 1984

FCUP:NK
70-2984
SNM-1922, Amendment No. 1

Arizona Public Service Company
ATTN: Mr. E. E. Van Brunt, Jr.
Vice President Nuclear
ANPP Project Director
P.O. Box 21666
Phoenix, Arizona 85036

Gentlemen:

SHO
PDR
NMSS R/F
FCUP R/F
NKetzlach (2)
VLTharpe
DWeiss, LFMB
GBennington, SGMT
WBrown, SGFF
LCobb, IE
RZimmerman, Res. Insp.
LFMiller, Region V
LSDewey, ELD
RLFonner, ELD
ELicitra, NRR
LLazo, ASLB
DCallihan, ASLB
RFCole, ASLB

Pursuant to Title 10, Code of Federal Regulations, Part 70, Special Nuclear Material License No. SNM-1922 is hereby amended authorizing the lifting of fuel assemblies to a maximum height of 4.5 feet above the new fuel storage racks as described in your application dated April 23, 1984.

All other conditions of the license shall remain the same.

Enclosed is a copy of our Safety Evaluation Report in support of this amendment.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

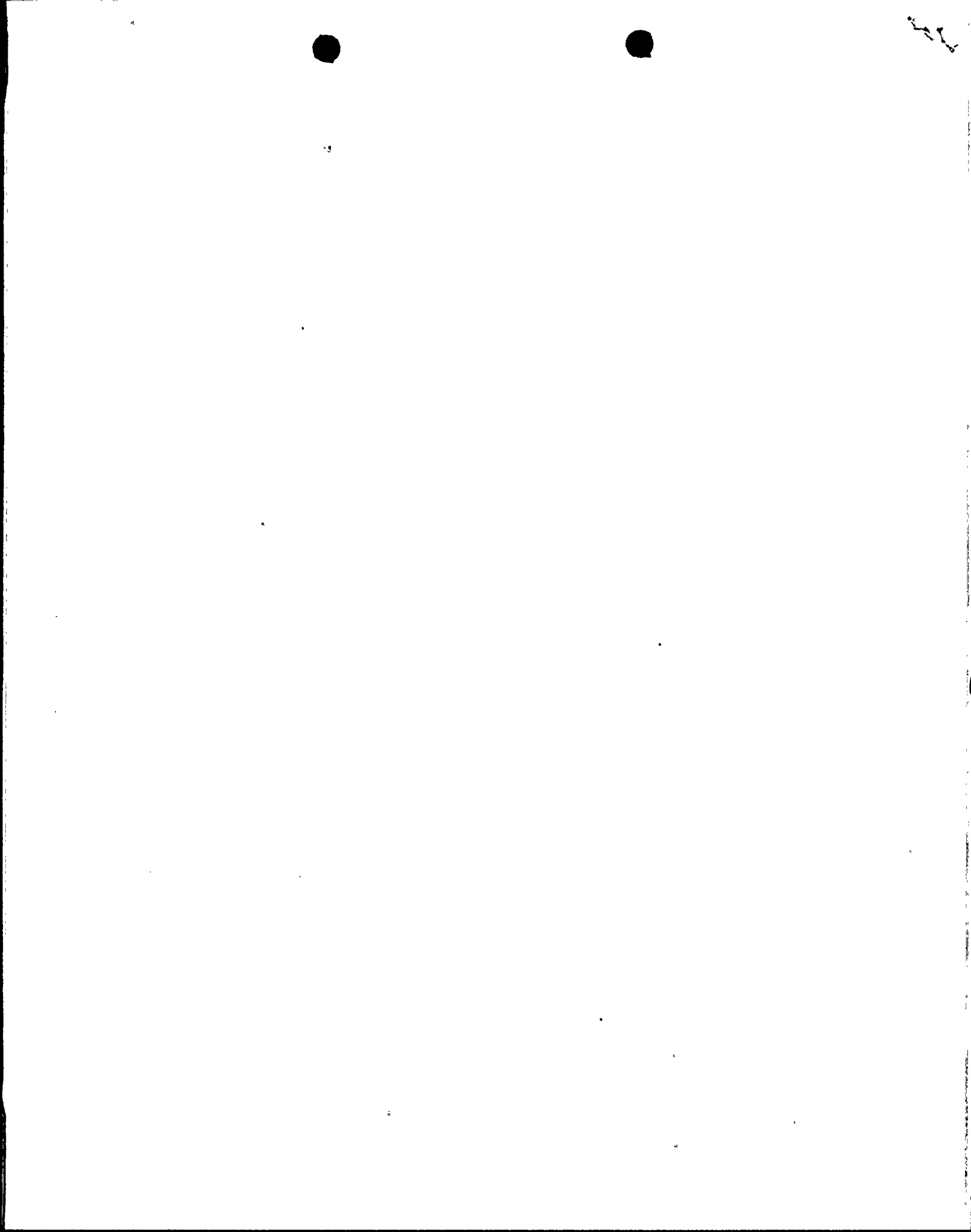
Original Signed by
Ralph G. Page

R. G. Page, Chief
Uranium Fuel Licensing Branch
Division of Fuel Cycle and
Material Safety, NMSS

Enclosure: Safety Evaluation Report

8409280048 840918
PDR ADOCK 07002994
c PDR

OFFICE	FCUP <i>NK</i>	FCUP <i>VL</i>	FCUP <i>WTC</i>	FCUP <i>RPage</i>			
URNAMED	NKetzlach/as	VLTharpe	WTCrow	RPage			
DATE	9/18/84	9/18/84	9/18/84	9/18/84			



SEP 18 1984

DOCKET NO.: 70-2984

LICENSEE: Arizona Public Service Co.
Salt River Project Agricultural Improvement and
Power District
Southern California Edison Company
El Paso Electric Company
Public Service Company of New Mexico
Southern California Public Power Authority

FACILITY: Unit 2, Phoenix, Arizona

SUBJECT: REVIEW OF LICENSE APPLICATION DATED APRIL 23, 1984

Background

By application dated April 23, 1984, Arizona Public Service Company (APS) on behalf of itself and the other applicants listed above requested an amendment authorizing them to lift the fuel assemblies to a maximum height of 4.5 feet above the new fuel storage racks. The present license authorizes the lifting of the fuel assemblies to a maximum height of 2 feet above the new fuel storage racks. The analysis of the structural integrity of the racks was based on the accidental dropping of an assembly from a height of 2 feet above the racks. When it was discovered it was necessary to lift the assemblies to a height of 4.5 feet above the racks to clear intervening obstacles to place the assemblies in the racks, APS requested authorization to lift the assemblies to a height of 4.5 feet over the racks.

Discussion

A. Structural Integrity

APS submitted a page change to its FSAR reflecting an accident condition in which a fuel assembly fell onto the racks from a height of 4.5 instead of 2 feet. J. S. Wermiel, Auxiliary Systems Branch, Division of Systems Integration, NRR, informed the staff that the change in height "does not affect the SER conclusion and is therefore acceptable."

B. Radiation and Nuclear Criticality Safety

Since an accident involving the drop of a fuel assembly onto the fuel assembly storage racks would not affect the structural integrity of the racks, there is no change to the radiation and nuclear criticality safety of the licensed activities.

OFFICE							
SURNAME							
DATE							

C. Environmental Effects

There is no requested change to the environmental protection requirements of the facilities. None are required since the authorized facility operations remain unchanged. In accordance with 10 CFR 51.22 (c)(11), an environmental assessment or an environmental impact statement is not necessary for this proposed action.

General

The amendment application dated April 23, 1984 was discussed with Mr. R. Zimmerman, Region V Resident Inspector of the Palo Verde Unit 2 Facility, on September 11, 1984. He foresaw no safety or environmental problem with the requested authorization.

Conclusion

Issuance of the amendment authorizing the lifting of fuel assemblies to a maximum height of 4.5 feet above the new fuel storage racks is recommended.

Original Signed by
N. Ketzlach

Norman Ketzlach
Uranium Process Licensing Section
Uranium Fuel Licensing Branch
Division of Fuel Cycle and
Material Safety, NMSS

Approved by: Original signed by:
W. T. Crow
W. T. Crow, Section Leader

OFFICE	FCUP <i>NK</i>	FCUF <i>VL</i>	FCUP				
SURNAME	NKetzlach/as	VLTharpe	WTCrow <i>WTC</i>				
DATE	9/18/84	9/18/84	9/18/84				

