REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8009090496 DOC.DATE: 80/09/02 NOTARIZED: NO DOCKET #
FACIL:50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
50-460 WPPSS Nuclear Project, Unit 1, Washington Public Powe 05000460
50-513 WPPSS Nuclear Project, Unit 4, Washington Public Powe 05000513
AUTH.NAME AUTHOR AFFILIATION
RENSBERGER,D.L. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION
YOUNGBLOOD,B.J. Licensing Branch 1

END 1

SUBJECT: Forwards addl geologic info re time of latest movements of earth faults on Gable Mountain near ctr of reservation. No conclusions re significance have been reached & info is not considered reportable under 10CFR21.

DISTRIBUTION CODE: B001S COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 3
TITLE: PSAR/FSAR AMDTS and Related Correspondence

NOTES:PM: 2 copies of all material. 05000397

	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL
ACTION:	A/D LICENSNG		1	0	A/D LICNENSG		1	0
	YOUNGBLOOD,B		1	0	RUSHBROOK,M.		1	0
	LYNCH,D.	04	1	1	BOURNIA,A.	04	1	1
INTERNAL:	ACCID EVAL BR26		1	1	AUX SYS BR	07	1	1
	CHEM ENG BR	08	1	1	CONT SYS BR	09	1	1
	CORE PERF BR	10	1	1	EFF TR SYS BR12		1	1
	EMERG PREP	22	1	0	EQUIP QUAL BR13		1	1
	GEOSCIENCES	14	1	1	HYD/GEO BR	15	1	1
	I&C SYS BR	16	1	1	I&E	06	3	3
	MATL ENG BR	17	1	1	MECH ENG BR	18	1	1
	MPA		1	0	NRC PDR	02	1	1
	OELD		1	0	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
	REG FILE	01	1	1	SIT ANAL BR	24	1	1
	STRUCT ENG BR25		1	1				
EXTERNAL:	ACRS	27	16	16	LPDR	03	1	1
	NSIC	05	1	1				

SEP 10 1980

TOTAL NUMBER OF COPIES REQUIRED: LTTR ~~51~~ 53 ENCL ~~44~~ 46

R

Washington Public Power Supply System
A JOINT OPERATING AGENCY

P. O. Box 968 3000 Geo. Washington Way Richland, Washington 99352 Phone (509) 375-5000

September 2, 1980
ELE-GCS-80-271

Docket Nos. 50-397
50-460/513

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. B. J. Youngblood, Chief
Licensing Branch 1

Dear Mr. Youngblood:

Subject: NEW GEOLOGIC INFORMATION

On August 15, 1980, a geotechnical consulting firm working for Puget Sound Power & Light Co. on the Hanford Reservation, discovered additional information which deals with the time of latest movement of earth faults on Gable Mountain near the center of the reservation. Faulting on Gable Mountain was first studied in 1970 by the U.S. Geological Survey (USGS) and the Supply System in conjunction with siting studies for the FFTF and WNP-2, respectively. The area was later studied by the Supply System in 1973 and 1974 as part of the WNP-1/4 siting programs. These faults are thought to have resulted from the forces which shaped all the ridges common to the Columbia Plateau, over 40,000 years ago.

The findings of August 15 included minor offsets (less than four inches) that show displacement in flood gravels and clastic dikes of unknown, but probably late Pleistocene age.

From the information available at this time, it cannot be determined whether these offsets are due to minor continuation of tectonic activity which originally formed the mountain; soft sediment deformation associated with original implacement of the flood deposits; or some other phenomena, such as land sliding, which post-dates the flood deposits.

B001
S
1/1

8009090 496

No conclusions regarding the significance, if any, have yet been reached. At this point, we do not consider the information reportable under 10CFR21. The Supply System and Puget Sound Power & Light will coordinate further field investigation and will keep the Nuclear Regulatory Commission informed through normal licensing channels.

Mr. M. D. Lynch, WNP-2 Licensing Project Manager, was advised of this finding via a telephone conversation with Mr. Sorensen, of our staff, on August 18, 1980. A subsequent conference call between representatives of the NRC, USGS, Puget Sound Power & Light and the Supply System took place on August 19. For purposes of your records, we have attached a list of Supply System and Puget Sound Power & Light representatives who participated in the conference call.

Very truly yours,

DL Renberger

D. L. Renberger
Assistant Director, Technology

bk
Attachment

cc: N. S. Reynolds D&L

TELECON PARTICIPANTS IN WPPSS/PUGET/NRC DISCUSSIONS OF 8/19/80

Jim Mecca--Puget
Gordon Jacobsen--Puget
Howard Coombs--Puget Consultant
Richard Holt--Puget Consultant
Donald Caldwell--Golder Associates
Duane Renberger--WPPSS
Ron Chitwood--WPPSS
Alan Hosler--WPPSS
Gerry Sorensen--WPPSS