



**PUBLIC  
SERVICE  
INDIANA**

S. W. Shields  
Senior Vice President -  
Nuclear Division

June 24, 1983  
SVP-0103-83

Mr. Harold R. Denton  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Docket Nos.: STN 50-546  
STN 50-547  
Construction Permit Nos.:  
CPPR - 170  
CPPR - 171

Marble Hill Nuclear Generating Station - Units 1 and 2  
Application for Licenses  
Amendment Number 26

Dear Mr. Denton:

Public Service Company of Indiana, Inc. (PSI) and Wabash Valley Power Association (WVPA) hereby amend their application for construction permits and operating licenses for the Marble Hill Nuclear Generating Station, Units 1 and 2, by submittal of Amendment 26.

Byron Amendment 41 and other miscellaneous changes are incorporated into the Marble Hill FSAR by Amendment 26. Three signed originals and fifty-seven copies of these FSAR changes are submitted for your use.

Amendment 26 also includes Supplement 2 to the Environmental Report - Operating License Stage (ER-OL). Supplement 2 incorporates the results of archaeological and cooling tower plume studies, updates the radiological monitoring program description and includes other miscellaneous changes to the ER-OL. Three signed originals and twenty-eight copies of these ER-OL changes are submitted for your use. In addition, in response to questions E290.6 and E290.8 of ER-OL Supplement 1, one copy of a map which identifies crop types within the salt drift isopleths and one set of color infrared photographs of the site and surrounding area are provided.

Amendment 26 also includes revisions to the Training and Qualification Plan section of the Safeguards Volume. Three signed originals and three copies of these changes are provided for your use. It is requested that the enclosed copies of these changes be withheld from public disclosure pursuant to 10 CFR 2.790.

TWO AIDS  
B001- AMDT 26  
1/60  
FSAR

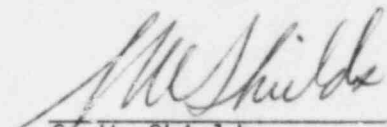
COOL - SUPPL 2  
1/42 TO ER

TQP SAFEGUARDS  
PROCESSED UNDER  
SEPARATE COVER LTR.

8306270138 830624  
PDR ADOCK 05000546  
K PDR

If you have any questions, please contact me at your convenience.

PUBLIC SERVICE COMPANY OF  
INDIANA, INC. for itself and  
as agent for WABASH VALLEY  
POWER ASSOCIATION, INC.

  
S. W. Shields  
Senior Vice President-  
Nuclear Division

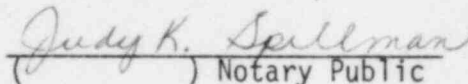
SWS/GAS/jl

Enclosure

cc: J. R. Schapker (w/o enc)  
D. G. Eisenhut (w/o enc)  
T. M. Novak (w/o enc)  
B. J. Youngblood (w/o enc)  
P. W. O'Conner (w/o enc)

STATE OF INDIANA        )  
                                  )    SS:  
COUNTY OF JEFFERSON    )

Subscribed and sworn to before me this 24th day of June, 1983.

  
( ) Notary Public

My Commission Expires:

12-16-85

My County of Residence:

Jefferson

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the matter of )  
 )  
PUBLIC SERVICE COMPANY )  
OF INDIANA, INC. AND )  
WABASH VALLEY POWER )  
ASSOCIATION, INC. )  
(MARBLE HILL NUCLEAR )  
GENERATING STATION - )  
UNITS 1 AND 2 )

Docket Numbers: STN 50-546  
STN 50-547  
Construction Permit Numbers:  
CPPR - 170  
CPPR - 171

AFFIDAVIT OF DISTRIBUTION

I hereby certify that distribution was performed as listed below by depositing the material in first class mail, postage prepaid, on the 24th day of June, 1983.

<u>NAME</u>	<u>PORTIONS SERVED*</u>
Attorney General State House Indianapolis, Indiana 46204	FSAR and ER-OL
State Board of Health ATTN: Chief, Radiological Health Section 1330 West Michigan Street Indianapolis, Indiana 46206	FSAR and ER-OL
Attorney General Department of Law State Capitol Frankfort, Kentucky 40601	FSAR and ER-OL
Department of Human Resources ATTN: Chief, Radiation Control Branch Department for Health Services 275 East Main Street Frankfort, Kentucky 40621	FSAR and ER-OL
Chairman, Jefferson County Board of Commissioners County Courthouse Madison, Indiana 47250	FSAR and ER-OL
EIS Review Coordinator EPA Region V 230 S. Dearborn Street Chicago, Illinois 60604	FSAR and ER-OL(2)

<u>NAME</u>	<u>PORTIONS SERVED*</u>
Mr. Michael C. Quinn Advisory Council on Historic Preservation 1522 K Street, N.W. - Room 536 Washington, D.C. 20005	ER-OL
Mr. Marcus G. Phelps U.S. Department of Agriculture Field Offices of the Forest Service 370 Reed Road Broomall, PA 19008	ER-OL
Mr. Robert E. Mast U.S. Soil Conservation Service Atkinson Square-West, Suite 2200 5610 Crawfordsville Road Indianapolis, IN 46224	ER-OL
Mr. Terry S. Siemsen U.S. Army Engineer District, Louisville P.O. Box 59 Louisville, KY 40201 Attn: ORLPD-R	ER-OL
Ms. Doris A. Summers Office of Ecology & Conservation Department of Commerce, Room 6800/NOAA 14th and Constitution Avenue, N.W. Washington, D.C. 20230	ER-OL
Dr. Jack M. Heinemann Federal Energy Regulatory Commission Room 304RB 400 First Street, N.W. Washington, D.C. 20426	ER-OL
Mr. Charles Custard U.S. Department of Health & Human Services Room 537F Humphrey Building 200 Independence Avenue, S.W. Washington, D.C. 20201	ER-OL(2)
Environmental Officer Department of Housing & Urban Development 300 South Wacker Drive Chicago, IL 60606	ER-OL(2)

<u>NAME</u>	<u>PORTIONS SERVED*</u>
Mr. S. J. Martin Office of Environmental Project Review U.S. Department of the Interior, Rm. 4256 18th and C Streets, N.W. Washington, D.C. 20240	ER-OL(18)
Mr. Joseph Canny Office of the Assistant Secretary for Policy and International Affairs U.S. Department of Transportation 400 7th Street, S.W. - Room 9422 Washington, D.C. 20590	ER-OL
Ms. Janice C. Jackson U.S. Department of Transportation 2100 2nd Street, S.W. Washington, D.C. 20593	ER-OL
Secretarial Representative U.S. Department of Transportation 300 South Wacker Drive, 17th Floor Chicago, IL 60606	ER-OL
Ms. Kristin Kothe Indiana State Planning Services Agency 117 State House Indianapolis, IN 46204 SAI No. IN 830310 113	ER-OL(10)
Region XII Development Commission P.O. Box 127 Versailles, IN 47042	ER-OL
Ms. Catherine L. Green Librarian, Nuclear Safety Library Brookhaven National Laboratory Building 130 Upton, Long Island, New York 11973	ER-OL
State Historic Preservation Office Director, Department of Natural Resources 608 State Office Building Indianapolis, IN 46204	ER-OL Transmittal Letter

PUBLIC SERVICE COMPANY OF  
INDIANA, INC. for itself and  
as agent for WABASH VALLEY  
POWER ASSOCIATION, INC.

W. Shields

STATE OF INDIANA )  
 )  
COUNTY OF JEFFERSON ) SS:

Judy K. Spellman  
( ) Notary Public

12-16-85

Duffin