

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 1831

<b>FROM:</b> Wisconsin Public Service Corporation Green Bay, Wisconsin 54305 E. W. James		<b>DATE OF DOC:</b> 3-16-73	<b>DATE REC'D</b> 3-19-73	<b>LTR</b> X	<b>MEMO</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b> Mr. O'Leary		<b>ORIG</b> 3 signed	<b>CC</b>	<b>OTHER</b>	<b>SENT AEC PDR</b> X <b>SENT LOCAL PDR</b> X		
<b>CLASS:</b> <u>U</u> PROP INFO		<b>INPUT</b>	<b>NO CYS REC'D</b> 85	<b>DOCKET NO:</b> 50-305			

**DESCRIPTION:**  
Ltr notarized 3-16-73, re our 2-26-73 ltr, trans the following:

NOTE: \* DENOTES LTR ONLY

**PLANT NAMES:** Kewaunee

**ENCLOSURES:**  
AMDT # 27 to FSAR, consisting of ans in response to our 2-26-73 ltr & misc changes to FSAR.

**Do Not Remove**  
( 85 cys of encl:rec'd)  
*revised 3-27-73* **ACKNOWLEDGED**

FOR ACTION/INFORMATION 3-19-73 AB

- |                          |                           |                          |                            |
|--------------------------|---------------------------|--------------------------|----------------------------|
| BUTLER(L)<br>W/ Copies   | SCHWENCER(L)<br>W/ Copies | ZIEMANN(L)<br>W/ Copies  | YOUNGBLOOD(E)<br>W/ Copies |
| CLARK(L)<br>W/ Copies    | STOLZ(L)<br>W/ Copies     | ROUSE(FM)<br>W/ Copies   | REGAN(E)<br>W/ Copies      |
| GOLLER(L)<br>W/ Copies   | VASSALLO(L)<br>W/ Copies  | DICKER(E)<br>W/ Copies   | W/ Copies                  |
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**INTERNAL DISTRIBUTION**

- |                    |             |               |                  |             |              |
|--------------------|-------------|---------------|------------------|-------------|--------------|
| ✓ REG FILE         | TECH REVIEW | ✓ DENTON *    | F & M            | WADE        | E            |
| ✓ AEC PDR          | HENDRIE     | ✓ GRIMES      | SMILEY           | BROWN       | E            |
| ✓ OGC, ROOM P-506A | SCHROEDER   | ✓ GAMMILL     | NUSSBAUMER       | G. WILLIAMS | E            |
| ✓ MUNTZING/STAFF   | ✓ MACCARY * | ✓ KASTNER     |                  | SHEPPARD    | E            |
| ✓ CASE *           | ✓ KNIGHT(2) | BALLARD       | <u>LIC ASST.</u> |             |              |
| ✓ GIAMBUSSO *      | ✓ PAWLICKI  | SPANGLER      | ✓ SERVICE        | L           | A/T IND      |
| BOYD               | ✓ SHAO      |               | WILSON           | L           | BRAITMAN     |
| V. MOORE-L(BWR)    | ✓ STELLO*   | ENVIRO        | GOULBOURNE       | L           | SALTZMAN     |
| ✓ DEYOUNG-L(PWR)*  | ✓ HOUSTON   | MULLER        | SMITH            | L           |              |
| SKOVHOLT-L         | ✓ NOVACK    | DICKER        | GEARIN           | L           | <u>PLANS</u> |
| ✓ P. COLLINS       | ✓ ROSS      | ✓ KNIGHTON*   | DIGGS            | L           | ✓ MCDONALD*  |
|                    | ✓ IPPOLITO  | YOUNGBLOOD    | TEETS            | L           | DUBE         |
| REG OPR            | ✓ TEDESCO * | REGAN         | LEE              | L           |              |
| ✓ FILE & REGION(2) | ✓ LONG      | ✓ PROJ LEADER | MAIGRET          | L           | <u>INFO</u>  |
| MORRIS             | ✓ LAINAS    | WEST          | SHAFFER          | F & M       | C. MILES     |
| STEELE             | ✓ BENAROYA  | HARLESS       |                  |             |              |
|                    | ✓ VOLLMER   |               |                  |             |              |

**EXTERNAL DISTRIBUTION**

- |                              |                                  |                          |
|------------------------------|----------------------------------|--------------------------|
| ✓ 1-LOCAL PDR Kewaunee, Wis. |                                  | 1-PDR-SAN/LA/NY          |
| ✓ 1-DTIE(ABERNATHY)          | ✓ (XX)(2)(9) NATIONAL LAB'S PNWL | 1- GERALD LELLOUCHE      |
| ✓ 1-NSIC(BUCHANAN)           | 1-R. CARROLL-C, GT-B227          | ✓ BROOKHAVEN NAT. LAB    |
| ✓ 1-ASLB-YORE/S&RE           | 1- R. CATLIN,E-256-GT            | 1-AGMED(WALTER KOESTER,  |
| WOODWARD/H ST.               | ✓ 1- CONSULTANT'S                | RM C-427, GT)            |
| ✓ 16-CYS ACRS HOLDING        | NEWMARK/BLAKE/AGABIAN            | 1- RD...MULLER...F-309GT |
|                              | 1- GERLAD ULRIKSON....ORNL       |                          |

WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

March 16, 1973

Mr. J. F. O'Leary, Director
Directorate of Licensing
U.S. Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. O'Leary:

Subject: Amendment No. 27 to the Application for
Construction Permit and Operating License
for the Kewaunee Nuclear Power Plant

AEC Docket 50-305

We submit herewith, eighty-five (85) copies of Amendment No. 27
to the Kewaunee Nuclear Power Plant Application for Construction Permit
and Operating License.

This submittal consists of answers in response to Mr. Karl
Kniel's letter received by Wisconsin Public Service Corporation on
February 26, 1973, covering the general subject matter, areas of postu-
lated rupture of high energy fluid lines outside of containment and of
containment and subcompartment pressures. In addition, we have included
miscellaneous changes to pages of the Final Safety Analysis Report.

Very truly yours,

E. W. James (handwritten signature)

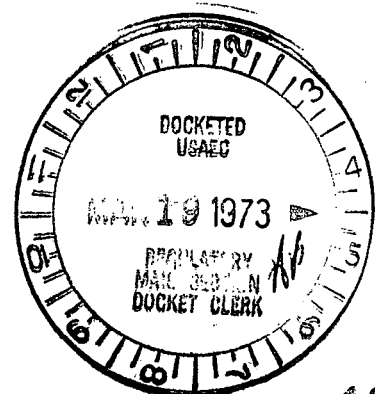
E. W. James, Senior Vice-President
Power Generation & Engineering

EWJ:sna

Subscribed and Sworn to
Before Me This 16 Day
of March 1973

Conrad C. Beuthe
Notary Public, State of Wisconsin

My Commission Expires
October 6, 1976



*revised* 3-22-73  
LB

INSTRUCTIONS FOR MAKING PAGE CHANGES

Amendment No. 27 material is enclosed for insertion into the FSAR, Volumes 1 through 4 and the Questions and Answers Volumes I and II, transmitted by Amendment Nos. 10 and 16. The material is assembled sequentially for insertion into the binders of the aforementioned Volumes in that order.

The following listing of material furnished as Amendment No. 27 will serve as a check list for entering revised and new pages. Insert the revised or new pages listed in Column 1 below, discarding only the superseded pages listed in Column 2. Pages with no revision date are exact replicas of the originals.

Amendment No. 27 changes are marked by the number 16 (indicating FSAR Revision 16) adjacent to a vertical line in the borders of the pages alongside the new material. Pages consisting of entirely new material are simply indicated by the amendment number and date at the bottom of the page.

File these instructions sheets and the cover letter in the front of Volume 1 as a record of change.

<u>COLUMN 1</u> (Insert)		<u>COLUMN 2</u> (Remove)	
<del>10-1/10-ii</del>	(14/27)	<del>10-1/10-ii</del>	(14/24)
<del>10-iii/10-iv</del>	(27/27)	<del>10-iii/10-iv</del>	(24/24)
<del>10-v/10-vi</del>	(27/27)	<del>10-v/b</del>	(24)
<del>14-v/14-vi</del>	(23/27)	<del>14-v/14-vi</del>	(23/25)
<del>14-ix/14-x</del>	(27/19)	<del>14-ix/14-x</del>	(25/19)
<del>14-xi/14-xii</del>	(23/27)	<del>14-xi/14-xii</del>	(23/23)
<del>6.6-1/6.6-2</del>	(Orig./27)	<del>6.6-1/6.6-2</del>	(Orig./Orig.)
<del>9.2-28a/b1.</del>	(27)	<del>9.2-28a/b1</del>	(13)
<del>9.2-29/9.2-30</del>	(27/Orig.)	<del>9.2-29/9.2-30</del>	(Orig./Orig.)
<del>10.2-9/10.2-10</del>	(27/Orig.)	<del>10.2-9/10.2-10</del>	(Orig./Orig.)
<del>10.2-13/10.2-14</del>	(27/27)	<del>10.2-13/10.2-14</del>	(Orig./21)
<del>10.2-15/b1.</del>	(27)	<del>10.2-15/b1.</del>	(23)
<del>10A.3-1/10A.3-2</del>	(24/27)	<del>10A.3-1/10A.3-2</del>	(24/24)
<del>10A.3-3/10A.3-4</del>	(27/27)	<del>10A.3-3/10A.3-4</del>	(24/24)

INSTRUCTIONS FOR MAKING PAGE CHANGES (CONTINUED)

<u>COLUMN 1</u>		<u>COLUMN 2</u>	
(Insert)		(Remove)	
<del>10A.3-5/10A.3-6</del>	(27/27)	<del>10A.3-5/b1.</del>	(24)
<del>10A.3-7/10A.3-8</del>	(27/27)	<del>None</del>	
<del>10A.4-1/10A.4-2</del>	(24/27)	<del>10A.4 1/10A.4-2</del>	(24/24)
<del>10A.4-3/10A.4-3a</del>	(27/27)	<del>10A.4-3/10A.4-4</del>	(24/24)
<del>10A.4-3b/10A.4-4</del>	(27/27)	<del>None</del>	
<del>10A.9-1/10A.9-2</del>	(27/27)	<del>10A.9-1/10A.9-2</del>	(24/24)
<del>10A.9-3/10A.9-4</del>	(27/27)	<del>10A.9-3/10A.9-4</del>	(24/24)
<del>Table 10A.3-2(pg 1 of 2)/b1.(27)</del>		<del>None</del>	
<del>Table 10A.3-2(pg 2 of 2)/b1.(27)</del>		<del>None</del>	
<del>Table 10A.4-2(pg 1 of 2)/b1.(27)</del>		<del>None</del>	
<del>Table 10A.4-2(pg 2 of 2)/b1.(27)</del>		<del>None</del>	
<del>Fig. 10A.3-1/b1.</del>	(27)	<del>Fig. 10A.3-1/b1.</del>	(24)
<del>Fig. 10A.3-2/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-3/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-4/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-5/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-6/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-7/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-8/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-9/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-10/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-11/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-12/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-13/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-14/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-15/b1.</del>	(27)	<del>None</del>	
<del>Fig. 10A.3-16/b1.</del>	(27)	<del>None</del>	

INSTRUCTIONS FOR MAKING PAGE CHANGES (CONTINUED)

COLUMN 1 (Insert)		COLUMN 2 (Remove)	
<del>Fig. 10A.3-17/b1</del>	(27)	None	
<del>Fig. 10A.3-18/b1</del>	(27)	None	
<del>Fig. 10A.3-19/b1</del>	(27)	None	
<del>Fig. 10A.4-1/b1</del>	(27)	<del>Fig. 10A.4-1/b1</del>	(24)
<del>Fig. 10A.4-2/b1</del>	(27)	None	
<del>Fig. 10A.4-3/b1</del>	(27)	None	
<del>Fig. 10A.4-4/b1</del>	(27)	None	
<del>Fig. 10A.4-5/b1</del>	(27)	None	
<del>Fig. 10A.4-6/b1</del>	(27)	None	
<del>Fig. 10A.4-7/b1</del>	(27)	None	
<del>Fig. 10A.4-8/b1</del>	(27)	None	
<del>Fig. 10A.4-9/b1</del>	(27)	None	
<del>Fig. 10A.4-10/b1</del>	(27)	None	
<del>Fig. 10A.4-11/b1</del>	(27)	None	
<del>Fig. 10A.4-12/b1</del>	(27)	None	
<del>Fig. 10A.4-13/b1</del>	(27)	None	
<del>Table 11.2-7/b1</del>	(27)	<del>Table 11.2-7/b1</del>	(orig)
<del>12.2-37/b1</del>	(27)	<del>12.2-37/b1</del>	(17)
<del>12.4-1/12.4-2</del>	(27/27)	<del>12.4-1/12.4-2</del>	(17/13)
<del>12.4-3/12.4-4</del>	(27/12)	<del>12.4-3/12.4-4</del>	(17/12)
<del>13.5-1/13.5-2</del>	(12/27)	<del>13.5-1/13.5-2</del>	(12/12)
<del>14.1-45/14.1-46</del>	(orig/27)	<del>14.1-45/14.1-46</del>	(orig/22)
<del>14.2-33/14.2-34</del>	(orig/27)	<del>14.2-33/14.2-34</del>	(orig/25)
<del>14.2-35/14.2-35a</del>	(27/27)	<del>14.2-35/14.2-36</del>	(orig/orig)
<del>14C-11/14C-12</del>	(27/23)	<del>14C-11/14C-12</del>	(23/23)
None		<del>Table 14.2-3/b1</del>	(25)
<del>Table 14C-7/b1</del>	(27)	None	
<del>Fig. 14.2-12/b1</del>	(27)	<del>Fig. 14.2-12/b1</del>	(25)
<del>Fig. 14.2-13/b1</del>	(27)	None	
<del>Fig. 14C-18/b1</del>	(27)	None	
<del>ltr to James/b1</del>	(27)	None	
<del>ltr to James (pg 2)/b1</del>	(27)	None	
<del>Request for add'l. inf./</del>		None	
<del>Request for add'l. inf. (pg 2)</del>	(27/27)	None	
<del>Q3.4-1/Q3.4-2</del>	(27/13)	<del>Q3.4-1/Q3.4-2</del>	(13/13)
<del>Q5.86.4-1/Q5.86.4-2</del>	(27/27)	<del>Q5.86.4-1/Q5.86.4-2</del>	(24/24)
<del>Q5.86.4-3/Q5.86.4-4</del>	(27/27)	<del>Q5.86.4-3/b1</del>	(24)
<del>Table Q5.86.4-1/b1</del>	(27)	None	
<del>Table Q5.86.4-2/b1</del>	(27)	<del>Table Q5.86.4-2/</del>	<del>Table Q5.86.4-3</del> (24/24)
<del>Fig. Q5.86.4-2/b1</del>	(27)	None	
<del>Fig. Q5.86.4-3/b1</del>	(27)	None	