

January 17, 1990

Docket No. 50-346

DISTRIBUTION:

<u>Docket Files</u>	NRC & Local PDRs
PDIII-3 r/f	JZwolinski
JHannon	TWambach
PKreutzer	OGC-WF1
DHagan	EJordan
GHill(4)	WandaJones
JCalvo	ACRS(10)
GPA/PA	OC/LFMB
PDIII-3 Gray	

Mr. Donald C. Shelton  
Vice President - Nuclear  
Toledo Edison Company  
Edison Plaza - Stop 712  
300 Madison Avenue  
Toledo, Ohio 43652

Dear Mr. Shelton:

SUBJECT: CORRECTION TO AMENDMENT NO. 143 TO FACILITY OPERATING LICENSE  
NO. NPF-3 (TAC NO. 66733)

On December 29, 1989, the Commission issued Amendment No. 143 to Facility  
Operating License No. NPF-3 for the Davis-Besse Nuclear Power Station,  
Unit No. 1 in response to your application dated January 4, 1988.

The amendment revised the wording in Technical Specification 3.9.1 to  
clarify that the required boron concentration in the reactor coolant  
system and the refueling canal is not applicable when there is no fuel  
in the reactor pressure vessel.

After the amendment was dispatched, it was discovered that an error  
had occurred in reproduction in that the overleaf page was inadvertently  
not copied onto the reverse side of TS page 3/4 9-1. A corrected copy  
of the properly reproduced TS page is enclosed. It was also discovered  
that, on a number of copies, the amendment number was omitted from the  
first paragraph. Please insert the number, 143, in the first paragraph  
of your copy if it is missing.

Please accept our apologies for any inconvenience this reproduction  
error may have caused you.

Sincerely,

/s/

Thomas V. Wambach, Sr. Project Manager  
Project Directorate III-3  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

9001250032 900117  
PDR ADOCK 05000346  
F CDC

Enclosure:

TS page 3/4 9-1

cc: See next page

DOCUMENT NAME: 66733 CORRECT

Office: LA/PDIII-3  
Surname: PKreutzer  
Date: 1/17/90

PM/PDIII-3  
TWambach/tg  
1/17/90

PD/PDIII-3  
JHannon  
1/17/90

DF01  
1/17

Mr. Donald C. Shelton  
Toledo Edison Company

Davis-Besse Nuclear Power Station  
Unit No. 1

cc:

David E. Burke, Esq.  
The Cleveland Electric  
Illuminating Company  
P. O. Box 5000  
Cleveland, Ohio 44101

Radiological Health Program  
Ohio Department of Health  
1224 Kinnear Road  
Columbus, Ohio 43212

Mr. Robert W. Schrauder  
Manager, Nuclear Licensing  
Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Attorney General  
Department of Attorney  
General  
30 East Broad Street  
Columbus, Ohio 43215

Gerald Charnoff, Esq.  
Shaw, Pittman, Potts  
and Trowbridge  
2300 N Street N.W.  
Washington, D.C. 20037

Mr. James W. Harris, Director  
(Addressee Only)  
Division of Power Generation  
Ohio Department of Industrial Relations  
2323 West 5th Avenue  
P. O. Box 825  
Columbus, Ohio 43216

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Ohio Environmental Protection Agency  
361 East Broad Street  
Columbus, Ohio 43266-0558

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 525, 1700 Rockville Pike  
Rockville, Maryland 20852

President, Board of  
County Commissioners of  
Ottawa County  
Port Clinton, Ohio 43452

Resident Inspector  
U.S. Nuclear Regulatory Commission  
5503 N. State Route 2  
Oak Harbor, Ohio 43449

State of Ohio  
Public Utilities Commission  
180 East Broad Street  
Columbus, Ohio 43266-0573

### 3/4.9 REFUELING OPERATIONS

#### BORON CONCENTRATION

#### LIMITING CONDITION FOR OPERATION

---

3.9.1 The boron concentration of all filled portions of the Reactor Coolant System and the refueling canal shall be maintained uniform and sufficient to ensure that the more restrictive of the following reactivity conditions is met:

- a. Either a  $K_{eff}$  of 0.95 or less, which includes a 1%  $\Delta k/k$  conservative allowance for uncertainties, or
- b. A boron concentration of  $\geq 1800$  ppm, which includes a 50 ppm conservative allowance for uncertainties.

APPLICABILITY: MODE 6.

#### ACTION:

With the requirements of the above specification not satisfied, immediately suspend all operations involving CORE ALTERATIONS or positive reactivity changes and initiate and continue boration at  $\geq 10$  gpm of 8750 ppm boric acid solution or its equivalent until  $K_{eff}$  is reduced to  $\leq 0.95$  or the boron concentration is restored to  $\geq 1800$  ppm, whichever is the more restrictive. The provisions of Specification 3.0.3 are not applicable.

#### SURVEILLANCE REQUIREMENTS

---

4.9.1.1 The more restrictive of the above two reactivity conditions shall be determined prior to:

- a. Removing or unbolting the reactor vessel head, and
- b. Withdrawal of any safety or regulating rod in excess of 3 feet from its fully inserted position within the reactor pressure vessel.

4.9.1.2 The boron concentration of the reactor pressure vessel and the refueling canal shall be determined by chemical analysis at least once each 72 hours.

9001250037 900117  
PDR ADOCK 05000346  
P PDC

## REFUELING OPERATIONS

### INSTRUMENTATION

#### LIMITING CONDITION FOR OPERATION

---

3.9.2 As a minimum, two source range neutron flux monitors shall be operating, each with continuous visual indication in the control room and one with audible indication in the containment and control room.

APPLICABILITY: MODE 6.

#### ACTION:

With the requirements of the above specification not satisfied, immediately suspend all operations involving CORE ALTERATIONS or positive reactivity changes. The provisions of Specification 3.0.3 are not applicable.

#### SURVEILLANCE REQUIREMENTS

---

4.9.2 Each source range neutron flux monitor shall be demonstrated OPERABLE by performance of:

- a. A CHANNEL FUNCTIONAL TEST at least once per 7 days, and
- b. A CHANNEL FUNCTIONAL TEST within 8 hours prior to the initial start of CORE ALTERATIONS, and
- c. A CHANNEL CHECK at least once per 12 hours during CORE ALTERATIONS.