

April 19, 1985

DMB 014

Docket No. 50-287

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Mr. Hal B. Tucker  
Vice President - Nuclear Production  
Duke Power Company  
P. O. Box 33189  
422 South Church Street  
Charlotte, North Carolina 28242

Dear Mr. Tucker:

This letter confirms the oral authorization issued by the NRC staff on April 12, 1985 to your staff at Duke Power Company, for a one-time change to Technical Specification 3.3.5.c(2)(b), associated with the operability of the '3A' Reactor Building Cooling Unit (RBC) for Oconee Unit 3.

The requested change would allow a one-time extension of inoperability to repair the '3A' RBC, provided that both Reactor Building Spray (RBS) trains are operable and the '3A' RBC will be returned to service by April 20, 1985, in accordance with the above referenced Technical Specification. The revised TS page is attached.

The change was necessitated by an inoperable RBC motor, having open windings. The additional seven days would allow for replacement, testing and return to service of the inoperable RBC motor. Oconee Unit 3 continues to operate at 100% power.

An official amendment will be forwarded in the near future.

Sincerely,

**"ORIGINAL SIGNED BY:"**

Gus C. Lainas, Assistant Director  
for Operating Reactors  
Division of Licensing

cc: See next page

\*See pervious white for concurrences.

ORB#4:DL  
HNicolaras;cf  
4/17/85

ORB#4:DL  
JStolz\*  
4/12/85

AD:OR:DL  
GLainas\*  
4/12/85

ORAB:DL  
GHolahan\*  
4/12/85

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P 05000287  
PDR

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Vice President - Nuclear Production  
Duke Power Company  
P. O. Box 33189  
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This letter confirms the oral authorization issued by the NRC staff on April 12, 1985 to you and your staff at Duke Power Company, for a one-time change to Technical Specification 3.3.5.c(2)(b), associated with the operability of the '3A' Reactor Building Cooling Unit (RBC) for Oconee Unit 3.

The requested change would allow a one-time extension of inoperability to repair the '3A' RBC, provided that both Reactor Building Spray (RBS) trains are operable and the 3A RBC will be returned to service by April 20, 1985 in accordance with above referenced Technical Specification. The revised TS page is attached.

The change was necessitated by an inoperable RBC motor, having open windings. The additional seven days would allow for replacement testing and return to service of the inoperable RBC motor. Oconee Unit 3 continues to operate at 100% power.

An official amendment will be forwarded in the near future.

Sincerely,

Gus C. Lainas, Assistant Director  
for Operating Reactors  
Division of Licensing

~~Enclosure:~~  
~~Safety Evaluation~~

cc w/enclosure:  
See next page

ORB#4:DL  
HNicolaras;cf  
4/12/85

ORB#4:DL  
JStoltz  
4/12/85

AD:OR:DL  
GLainas  
4/12/85

ORAB:DL  
G-HOLAHAN  
4/12/85

Duke Power Company

cc w/enclosure(s):

Mr. William L. Porter  
Duke Power Company  
P. O. Box 33189  
422 South Church Street  
Charlotte, North Carolina 28242

Honorable James M. Phinney  
County Supervisor of Oconee County  
Walhalla, South Carolina 29621

Regional Radiation Representative  
EPA Region IV  
345 Courtland Street, N. E.  
Atlanta, Georgia 30308

Mr. J. C. Bryant  
Senior Resident Inspector  
U. S. Nuclear Regulatory Commission  
Route 2, Box 610  
Seneca, South Carolina 29678

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 220, 7910 Woodmont Avenue  
Bethesda, Maryland 20814

Office of Intergovernmental Relations  
116 West Jones Street  
Raleigh, North Carolina 27603

Heyward G. Shealy, Chief  
Bureau of Radiological Health  
South Carolina Department of Health  
and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

J. Michael McGarry, III, Esq.  
Bishop, Liberman, Cook, Purcell & Reynolds  
1200 17th Street, N. W.  
Washington, D. C. 20036

Manager, LIS  
NUS Corporation  
2536 Countryside Boulevard  
Clearwater, Florida 33515

Dr. J. Nelson Grace, Regional  
Administrator  
U. S. Nuclear Regulatory Commission,  
Region II  
101 Marietta Street, N. W.  
Suite 2900  
Atlanta, Georgia 30303

- b. The BWST shall contain a minimum level of 46 feet of water having a minimum concentration of 1835 ppm boron at a minimum temperature of 50°F. The manual valve, LP-28, on the discharge line shall be locked open. If these requirements are not met, the BWST shall be considered unavailable and action initiated in accordance with Specification 3.2.

### 3.3.5 Reactor Building Cooling (RBC) System

- a. Prior to initiating maintenance on any component of the RBC system, the redundant component shall be tested to assure operability.
- b. When the RCS, with fuel in the core, is in a condition with pressure equal to or greater than 350 psig or temperature equal to or greater than 250°F and subcritical:
  - (1) Two independent RBC trains, each comprised of an RBC fan, associated cooling unit, and associated ESF valves shall be operable.
  - (2) Tests or maintenance shall be allowed on any component of the RBC system provided one train of the RBC and one train of the RBS are operable. If the RBC system is not restored to meet the requirements of Specification 3.3.5.b(1) above within 24 hours, the reactor shall be placed in a condition with RCS pressure below 350 psig and RCS temperature below 250°F within an additional 24 hours.
- c. When the reactor is critical:
  - (1) In addition to the requirements of Specifications 3.3.5.b(1) above, the remaining RBC fan, associated cooling unit, and associated ESF valves shall be operable.
  - (2) Tests or maintenance shall be allowed on one RBC train under either of the following conditions:
    - (a) One RBC train may be out of service for 24 hours.
    - (b) One RBC train may be out of service for 7 days provided both RBC trains are operable.\*
    - (c) If the inoperable RBC train is not restored to meet the requirements of Specification 3.3.5.c(1) within the time permitted by Specification 3.3.5.c(2) (a) or (b), the reactor shall be placed in a hot shutdown condition within 12 hours. If the requirements of Specification 3.3.5.c(1) are not met within an additional 24 hours following hot shutdown, the reactor shall be placed in a condition with RCS pressure below 350 psig and RCS temperature below 250°F within an additional 24 hours.

\*For the "3A" RBC train, a one-time extension of inoperability is granted in order to allow for repair, provided both RBC trains are operable and that the "3A" RBC train is returned to service no later than 11:59 p.m., April 20, 1985.