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March 1, 2001

U.S. Nuclear Regulatory Commission  
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Washington, DC 20555-0001

Subject: Duke Energy Corporation  
Catawba Nuclear Station  
Docket Nos. 50-413 and 50-414  
UFSAR/Selected Licensee Commitment Changes

Pursuant to 10CFR 50.71(e), please find attached changes to the Catawba Nuclear Station Selected Licensee Commitments Manual. This document constitutes Chapter 16 of the Updated Final Safety Analysis Report (UFSAR).

Any questions regarding this information should be directed to L. J. Rudy, Regulatory Compliance, at (803) 831-3084.

I certify that I am a duly authorized officer of Duke Energy Corporation, and that the information contained herein accurately represents changes made to Chapter 16 of the UFSAR since the previous submittal.

Gary R. Peterson

Attachment

AD53

U.S. Nuclear Regulatory Commission  
March 1, 2001  
Page 2

xc:L. A. Reyes, Regional Administrator  
U. S. Nuclear Regulatory Commission, Region II

C. P. Patel, Project Manager  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulation, Mail Stop 0-8 H12

D. J. Roberts  
Senior Resident Inspector  
Catawba Nuclear Station



**Duke Power**  
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March 1, 2001

RE: Catawba Nuclear Station  
Selected Licensee Commitments Manual  
Revision Date 02/24/01

Attached are revisions to the Catawba Nuclear Station Selected Licensee Commitments Manual.  
Please remove and replace the following pages:

**REMOVE**

**INSERT**

**LIST OF EFFECTIVE PAGES**

Page 2

Page 2

**TAB 16.7**

Chapter 16.7-11, page 1 of 1  
dated 03/28/00

Chapter 16.7-11, pages 1 & 2  
dated 02/24/01

If you have any questions concerning the contents of this package update, contact Toni  
Pasour at (803) 831-3566.

Gary D. Gilbert  
Regulatory Compliance Manager

**CATAWBA NUCLEAR STATION  
SELECTED LICENSEE COMMITMENTS MANUAL**

**List of Effective Pages**

**Tab 16.6**

16.6-1 Page 1 of 1	01/16/99
16.6-2 Page 1 of 2	01/16/99
16.6-2 Page 2 of 2	01/16/99
16.6-3 Page 1 of 2	01/16/99
16.6-3 Page 2 of 2	01/16/99
16.6-4 Page 1 of 2	01/16/99
16.6-4 Page 2 of 2	01/16/99
16.6-5 Page 1 of 2	09/11/00
16.6-5 Page 2 of 2	09/11/00

**Tab 16.7**

16.7-1 Page 1 of 2	05/04/98
16.7-1 Page 2 of 2	05/04/98
16.7-2 Page 1 of 4	01/16/99
16.7-2 Page 2 of 4	01/16/99
16.7-2 Page 3 of 4	01/16/99
16.7-2 Page 4 of 4	01/16/99
16.7-3 Page 1 of 4	01/17/00
16.7-3 Page 2 of 4	01/17/00
16.7-3 Page 3 of 4	01/17/00
16.7-3 Page 4 of 4	01/17/00
16.7-4 Page 1 of 2	09/20/99
16.7-4 Page 2 of 2	09/20/99
16.7-5 Page 1 of 2	06/10/99
16.7-5 Page 2 of 2	05/04/98
16.7-6 Page 1 of 2	01/16/99
16.7-6 Page 2 of 2	01/16/99
16.7-7 Page 1 of 2	05/05/99
16.7-7 Page 2 of 2	01/16/99
16.7-8 Page 1 of 2	01/16/99
16.7-8 Page 2 of 2	05/05/99
16.7-9 Page 1 of 4	09/20/99
16.7-9 Page 2 of 4	09/20/99
16.7-9 Page 3 of 4	09/20/99
16.7-9 Page 4 of 4	09/20/99
16.7-10 Page 1 of 7	11/30/00
16.7-10 Page 2 of 7	11/30/00
16.7-10 Page 3 of 7	11/30/00
16.7-10 Page 4 of 7	11/30/00
16.7-10 Page 5 of 7	11/30/00
16.7-10 Page 6 of 7	11/30/00
16.7-10 Page 7 of 7	11/30/00
16.7-11 Page 1 of 2	02/24/01
16.7-11 Page 2 of 2	02/24/01
16.7-12 Page 1 of 2	01/16/99
16.7-12 Page 2 of 2	01/16/99

## **16.7        INSTRUMENTATION**

### **16.7-11        POSITION INDICATION SYSTEM – SHUTDOWN**

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#### **COMMITMENT:**

One digital rod position indicator (excluding demand position indication) shall be OPERABLE and capable of determining the control rod position within  $\pm 12$  steps for each shutdown or control rod not fully inserted.

#### **APPLICABILITY:**

MODES 3\*, 4\*, and 5\*.

#### **REMEDIAL ACTION:**

With less than the above required position indicator(s) OPERABLE, immediately open the Reactor Trip system breakers.\*\*

#### **TESTING REQUIREMENTS:**

Testing Requirements are specified in Technical Specification Surveillance Requirement 3.1.7.1.

#### **REFERENCES:**

1. Letter from NRC to Gary R. Peterson, Duke, Issuance of Improved Technical Specifications Amendments for Catawba, September 30, 1998.

#### **BASES:**

OPERABILITY of the Digital Rod Position Indicators is required to determine control rod positions and thereby ensure compliance with the control rod alignment and insertion limits of the Technical Specifications.

As long as all shutdown and control rods are fully inserted, digital rod position indication is not required to be OPERABLE.

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\* With the Reactor Trip System breakers in the closed position.

\*\* Once the reactor trip breakers have been opened, alternate methods may be used to ensure there is no possibility of rod motion. These methods are pulling fuses or sliding links in the rod control cabinets, tagging open the MG set feeder breakers from LXC and LXD, or tagging open the MG set output breakers. After one of these alternate methods is used, the reactor trip breakers may be reclosed if desired.

**BASES: (continued)**

Gray code (A & B data from the data cabinets in containment) is sent to the DRPI equipment in the control room. The gray code is processed by the DRPI equipment and the rod position is displayed on the control board. The gray code is also sent from the DRPI equipment to the Operator Aid Computer (OAC), where it is processed by the OAC and the rod position is displayed on the OAC. The processing of the gray code by the DRPI equipment and the OAC are completely independent. Therefore, both the DRPI display and the OAC DRPI indication are considered valid indications of control rod position.