

Duke Power Company  
Nuclear Production Dept.  
P.O. Box 1007  
Charlotte, N.C. 28201-1007

M.S. TUCKMAN  
Vice President  
Nuclear Operations  
(704) 373-3851



**DUKE POWER**

October 21, 1991

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Subject: Catawba Nuclear Station  
Docket No. 50-413, -414  
Selected Licensee Commitments Manual (SLC)

Gentlemen:

Pursuant to 10 CFR 50.4 and 50.71, please find attached ~~10~~ copies of the latest revision dated 10/91 to the Catawba Selected Licensee Commitments Manual. The SLC Manual is Chapter 16.0 to the Catawba FSAR. This manual is meant to contain commitments and other station issues that we believe warrant higher control, but are not appropriate in the Technical Specifications (TS). Instead of being updated with the annual FSAR Update, the SLC Manual will be updated monthly as needed during the year.

Very truly yours,

A handwritten signature in cursive script that reads "M.S. Tuckman".

M.S. Tuckman

HAF/haf

Attachment

xc: S. D. Ebmeter  
Regional Administrator, Region II  
  
R. E. Martin, ONRR  
  
W. T. Orders, Catawba

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October 22, 1991

RE: Catawba Nuclear Station  
Selected Licensee Commitments  
Effective 10/91

Please revise your copy of the Selected Licensee Commitments manual as follows:

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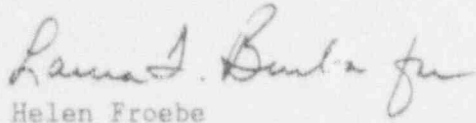
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If you have any questions or problems, I may be contacted at (704) 373-7720.

R. L. Gill, Jr., Technical System Manager  
Regulatory Compliance

  
By: Helen Froebe  
Regulatory Compliance

HAF/hf

DUKE POWER COMPANY  
CATAWBA NUCLEAR STATION  
SELECTED LICENSEE COMMITMENTS  
MANUAL

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## 16.9 AUXILIARY SYSTEMS

### FIRE PROTECTION SYSTEMS

#### 16.9-5 Fire Barrier Penetrations

##### COMMITMENT

All Fire barrier penetrations (walls, floor/ceilings, cable tray enclosures and other fire barriers) separating safety-related fire areas or separating portions of redundant systems important to safe shutdown within a fire area and all sealing devices in fire rated assemblies; penetrations (fire doors\*, fire windows, fire dampers, cable, piping, and ventilation duct penetration seals) shall be OPERABLE.

\*Note: A list of committed fire doors is located in Bases Sections.

##### APPLICABILITY:

At all times.

##### REMEDIAL ACTION:

With one or more of the above required fire barrier penetrations and/or sealing devices inoperable, within 1 hour either establish a continuous fire watch on at least one side of the affected penetration, or verify the OPERABILITY of fire detectors on at least one side of the inoperable penetration and establish an hourly fire watch patrol.

##### TESTING REQUIREMENTS:

- a. At least once per 18 months the above required fire barrier penetrations and sealing devices shall be verified OPERABLE by performing a visual inspection of:
  - i. The exposed surfaces of each fire rated assembly;
  - ii. At least 10% of all fire dampers. If apparent changes in appearance or abnormal degradation are found, a visual inspection of an additional 10% of the dampers shall be made. This inspection process shall continue until a 10% sample with no apparent changes in appearance or abnormal degradation is found. Samples shall be selected such that each fire damper will be inspected every 15 years; and

- iii. At least 10% of each type of sealed penetration. If apparent changes in appearance or abnormal degradations are found, a visual inspection of an additional 10% of each type of sealed penetration shall be made. This inspection process shall continue until a 10% sample with no apparent changes in appearance or abnormal degradation is found. Samples shall be selected such that each penetration seal will be inspected every 15 years.
- b. Each of the above required fire doors shall be verified OPERABLE by inspecting the closing mechanism and latches at least once per 6 months, and by verifying:
  - i. The position of each interior closed fire door at least once per 24 hours,
  - ii. The OPERABILITY of the fire door supervision system for each electrically supervised fire door by performing a TRIP ACTUATING DEVICE OPERATIONAL TEST at least once per 31 days, and
  - iii. That each locked closed fire door is closed at least once per 7 days.

#### REFERENCES:

- 1) Catawba FSAR, Section 9.5.1
- 2) Catawba SER, Section 9.5.1
- 3) Catawba SER, Supplement 3, Section 9.5.1
- 4) Catawba Fire Protection Review, as revised
- 5) Catawba Fire Protection Commitment Index

#### BASES:

The functional integrity of the fire barrier penetrations ensures that fires will be confined to adequately retarded from spreading to adjacent portions of the facility. These design features minimize the possibility of a single fire rapidly involving several areas of the facility prior to detection and extinguishing of the fire. The fire barrier penetrations are a passive element in the facility fire protection program and are subject to periodic inspections.

Fire barrier penetrations, including cable penetration barriers, fire doors, fire dampers, and other fire barriers are considered functional when the visually observed condition is the same as the as-designed condition. For those fire barrier penetrations that

are not in the as-designed conditions, an evaluation shall be performed to show that the modification has not degraded the fire rating of the fire barrier penetration.

During periods of time when a barrier is not functional, either: (1) a continuous fire watch is required to be maintained in the vicinity of the affected barrier, or (2) the fire detectors on at least one side of the affected barrier must be verified OPERABLE and an hourly fire watch patrol established, until the barrier is restored to functional status.

This selected licensee commitment is part of the Catawba Fire Protection Program and therefore subject to the provision of the Catawba Facility Operating License conditions #8 for NPF-35.



# CATAWBA NUCLEAR STATION

## COMMITTED FIRE DOORS

Door No.	Location
<u>Elevation 543+0</u>	
AX500F	56, FF
<u>Elevation 543+0</u>	
AX202	50-51, NN
AX214A	54-55, FF-GG
AX214B	58-59, FF-GG
AX217D	52-53, BB
AX217F	51, AA-BB
AX217G	52-53, BB
AX227D	54-55, MM-NN
AX227E	59-60, MM-NN
AX227F	59, FF-GG
AX228A	56-57, EE
AX228B	57-58, EE
AX248	57-58, QQ
AX253A	63-64, NN
AX260B	61-62, BB-CC
AX260E	52, CC
AX260F	62, AA-BB
AX260G	61-62, BB-CC
AX260H	61-62, BB-CC
AX516M	62, CC
T527#1	52-43, BB-CC
<u>Elevation 554+0</u>	
AX354A	55, DD-EE
AX354B	59, DD-EE
AX418	57, BB
AX419	57, DD-EE
AX420A	59, DD-EE
AX421A	55, DD-EE
S102A	53-54, AA
<u>Elevation 556+0</u>	
AX302	41, CC-DD
AX304	41, AA-BB
AX306	73, DD-EE
AX308	73, BB-CC

Elevation 560+0

AX312	50-51, MM
AX313D	50-51, NN
AX347	57, GG
AX348	59, FF-GG
AX348B	54-55, MM-NN
AX348C	53-54, HH
AX348D	59-60, MM-NN
AX348E	60-61, HH
AX349	55, GG
AX352B	53, CC-DD
AX352C	53, CC-DD
AX352D	46-47, BB-CC
AX353	45-46, BB
AX353B	45, AA-BB
AX353C	45, AA-BB
AX358	59, GG
AX391	63-64, MM
AX393B	61, CC-DD
AX393C	61, CC-DD
AX393D	67-68, BB-CC
AX394	69, BB
AX394B	69, AA-BB
AX394C	69, AA-BB
AX395	61, AA-BB
AC388B	63-64, NN
SC396	53, AA-BB
AX415	45-56, CC-DD
AX416	68-69, CC-DD
AX417	57, QQ

Elevation 568+0

AX355A	53-54, FF
AX355C	54-55, FF
AX355D	60, FF
AX355E	59-60, FF

Elevation 574+0

AX515	54, BB
AX516	56-57, DD
AX516A	57-58, DD
AX516K	57, AA-BB
AX517A	53-54, DD-EE
AX517B	60-61, DD-EE
AX517C	57, DD-EE
AX517D	57, DD-EE
AX517E	56-57, DD-EE
AX518	60, BB
S303A	54, AA
S304A	60, AA

Elevation 577+0

AX500H	54-55, MM-NN
AX500K	53-54, GG-HH
AX500L	59-60, MM-NN
AX500N	60-61, GG-HH
AX500P	50-51, NN
AX500S	63-64, NN
AX513B	53, CC-DD
AX514	45-46, BB
AX514B	45-46, AA-BB
AX517	57, EE
AX525	55-56, QQ
AX525B	56, QQ
AX526B	58, PP
AX526D	58, QQ
A314#3	61, CC-DD
AX533C	61, CC-DD
AX534	69, BB
AX534B	68-69, AA-BB
AX535	61, AA-BB
AX536	53, AA-BB
AX338A	60, FF-GG
AX656	53, CC-DD

Elevation 594+0

AX602	52, UU-VV
AX627E	62, UU-VV
AX630	58, QQ
AX632	57, QQ
AX635	60-61, QQ
AX635E	53-54, QQ
AX635F	53-54, QQ
AX635G	50-51, NN
AX635H	63-64, NN
AX654D	61, CC-DD
AX655	62-63, DD
AX656C	61, CC-DD
AX657	60-61, CC
S418	DOC. CONTROL
S419	DOC. CONTROL
AX657A	53-54, BB
AX657B	52-53, CC-DD
AX657F	60, DD-EE
AX657G	57-58, DD-EE
AX657H	54, DD-EE
AX657J	53, BB-CC
AX658B	51-52, DD
AX657E	53-54, BB
AX665B	53-54, CC-DD
S400	55-56, AA
S406	58-59, AA
T413A3	60, FF