



DUKE POWER

April 30, 1997

RE: Catawba Nuclear Station
Selected License Commitment Manual

Please update the following Selected License Commitments (SLC):
16.10.1 - Steam Vent to Atmosphere

Remove

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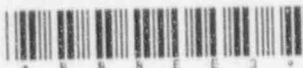
If you have any questions concerning contents of this package update, contact
Denise Smith at 803-831-3810.

M.S. Kitlan, Jr.

M.S. Kitlan, Jr., Manager
Regulatory Compliance - CNS
9705150140 970430
PDR ADOCK 05000413
PDR

Attachments

140062



**DUKE POWER COMPANY
SELECTED LICENSEE COMMITMENTS MANUAL**

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16.10 STEAM AND POWER CONVERSION SYSTEM

16.10.2 STEAM VENT TO ATMOSPHERE

COMMITMENT:

Four steam generator PORV safety-related gas supply systems shall be OPERABLE with both nitrogen bottles per S/G PORV, pressurized to greater than or equal to 2100 psig.

APPLICABILITY:

Modes 1, 2, 3, 4*

REMEDIAL ACTION:

- a. With one nitrogen bottle on one or more S/Gs less than 21—psig, immediately start corrective action to return the nitrogen supply to OPERABLE. Work to return the nitrogen supply to OPERABLE status should continue without interruption.
- b. With two nitrogen bottles on one or more S/Gs less than 2100 psig, consider the PORV(s) inoperable and refer to Technical Specification 3.7.1.6 for the required action.

TESTING REQUIREMENTS:

At least once per 24 hours by verifying that both nitrogen bottles per S/G PORV has a pressure greater than or equal to 2100 psig.

REFERENCES:

- 1) Design Basis Specification for the Catawba Main Steam System, Main Steam Vent to Atmosphere and Main Steam Bypass to Condenser System, Section 20.3.4
- 2) PIR 0-C90-0304
- 3) Branch Technical Position RSB5-1
- 4) CNC-1223.43-01-0011, rev 1

* When Steam Generators are being used for decay heat removal.

BASES:

Design Engineering calculation CNC-1223.43-01-0011, rev 1, demonstrates that with one nitrogen bottle charged to at least 2100 psig, sufficient nitrogen exists to meet the Tech Spec Design basis of the S/G PORVs.

A revision to calculation CNC-1223.43-01-0011 also demonstrates that with two nitrogen bottles charged to at least 2100 psig, sufficient nitrogen exists to meet the Branch Technical Position RSB5-1 of supporting a controlled cooldown to the point where residual heat removal system can be put in service with or without offsite power following an earthquake.

The COMMITMENT for having both nitrogen bottles pressurized to greater than or equal to 2100 psig and the REMEDIAL ACTION, is adequate to ensure the intent of our FSAR commitment to Branch technical Position RSB5-1 is met.