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A Duke Energy Company

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April 3, 2006

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

SUBJECT: Duke Power Company LLC d/b/a Duke Energy Carolinas, LLC.
Catawba Nuclear Station, Unit 1 and Unit 2
Docket Numbers 50-413 and 50-414
Commitment Change Evaluation Report for 2005

Attached is a summary of commitment change evaluations completed during the 2005 calendar year for Catawba Nuclear Station. These evaluations and subsequent commitment changes were made based on the guidance defined in NEI 99-04, *Guidelines for Managing NRC Commitments*, and have no adverse effect on compliance with NRC rules and regulations.

Questions regarding this report should be directed to Kay Nicholson at 803.831.3237.

Sincerely,

D. M. Jamil

Attachments

A001

xc:

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Catawba Nuclear Station
Annual Commitment Change Summary Report for 2005
Dockets Nos. 50-413 and 50-414

NRC Notification Required	Number	Source Document	Original Commitment	Modified Commitment
Yes	2005-C-001	Response to GL 82-33, Supp. NUREG 0737	Reference Attachment A	Reference Attachment B
Yes	2005-C-002	SER for License Amend 128 (Unit 1) and 122 (Unit 2); RCS Flowrate Measurement, February 17, 1995	Section #.4.4 states that Duke would "continue to perform calorimetric heat balance testing as before."	Perform calorimetric heat balance determination of reactor coolant flow on a continuous basis using the PMAX performance monitoring program and importing the results to the PI system for long term archiving in lieu of PT/1(2)/A/4150/013B. This revised commitment will be incorporated into the NC System Design Basis Document (CNS-1553.NC-00-0001).

Attachment A

Existing Commitment Description:

Letter from Hal B. Tucker to HR Denton (USNRC), September 26, 1983, Response to Generic Letter 82-33 (Rev. 2) (Supplement 1 to NUREG -0737) regarding the Catawba Station conformance to Regulatory Guide 1.97, Rev. 2.

CATAWBA NUCLEAR STATION

REGULATORY GUIDE 1.97, REV. 2 REVIEW

E-17	Variable:	Atmospheric Stability
	Range:	-5° to 10°C
	Category:	3
	Existing Design:	The indicated range for atmospheric stability is -4° to 8°C for a 30 meter interval.
	Compliance:	This instrumentation is in compliance with Duke's interpretation of RG 1.97, Rev. 2 as clarified in Section 5.5.
	Display:	One computer point. One channel recorded
	Position:	This instrumentation was specified to have an accuracy of ±0.1°C which is considered adequate for the intended monitoring function.
	Implementation Schedule:	Not Applicable.

Attachment B - Revised Commitment Wording:

Proposed new wording for

Regulatory Guide 1.97,Rev 2 - Supplement 1 NUREG-0737 Response and Instrumentation E-17 in UFSAR Table 1-11 and Section 2.3.3.3

E-17	Variable:	Atmospheric Stability
	Range:	-5° to 10°C
	Category:	3
	Existing Design:	The indicated range for atmospheric stability is -4° to 8°C for a 50 meter interval.
	Compliance:	This instrumentation is in compliance with Duke's interpretation of RG 1.97, Rev. 2 as clarified in Section 1.8.1.29.1, with the exception of the instrument accuracy.
	Display:	One computer point. One channel recorded
	Position:	The instrumentation loop has an accuracy of ±0.27°C through and including the digital or analog display. This minimum loop accuracy is considered adequate for the intended monitoring function of dose assessment.

Attachment B

Revised Commitment:

Catawba Nuclear Station UFSAR Chapter 2

2.3 Meteorology

2.3.3.3 June 13, 1996 through Present

...

Instrument accuracies and schedules for calibration and maintenance are listed below. The instrument loop has an accuracy of ± 0.27°C through and including the digital or analog display. This minimum loop accuracy is considered adequate for the intended monitoring function of dose assessment.

...

4. Delta-Temperature

   a. Operating Range: -4.00° C to 8.00°C

   b. Time-averaged digital accuracy ± 0.27°C

   c. Time-averaged analog accuracy ± 0.27°C

Note: Actual UFSAR changes will be completed using the 50.59 process and the USFAR change process outlined in NSD 220, "UFSAR Revision Process".