

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
5N 157B Lookout Place

SEP 26 1988

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

Gentlemen:

In the Matter of) Docket No. 50-327
Tennessee Valley Authority)

SEQUOYAH NUCLEAR PLANT (SQN) UNIT 1 - NRC BULLETIN (NRCB) NO. 88-01
INSPECTION RESULTS

Reference: NRC Bulletin No. 88-01: Defects in Westinghouse Circuit
Breakers, dated February 5, 1988

This letter provides NRC with the results of the inspections of SQN unit 1 Westinghouse Electric Corporation (W) breaker models DS-206 and 416 used in class 1E applications as required by NRCB 88-01 (reference letter). The inspection of all breakers required for unit 1 operation used in class 1E applications has been performed in accordance with the criteria provided by the referenced letter.

A total of 56 breakers was inspected. Enclosure 1 provides a breakdown of the total number of each type of breaker inspected (DS-206 and -416), the number that passed the inspection criteria as outlined in the reference letter, and the number of new pole shafts installed or repaired. None of the breakers inspected required corrective actions because of mechanism alignments as provided in the subject bulletin.

There are a total of five breakers (DS-206) that will not be completed before unit 1 restart. These breakers are removed from their respective breaker compartments as required by the 45N749 series of drawings and are not required for plant operation. Inspections of these five remaining breakers will, however, be completed by the end of the unit 2 cycle 3 refueling outage. A list of these breakers is provided in enclosure 2. The results of these inspections will be provided in the SQN unit 2 NRCB 88-01 inspection results.

8810040397 880926
PDR ADOCK 05000327
G PNU

11/11

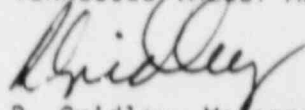
U.S. Nuclear Regulatory Commission

SEP 26 1988

Summary statements of commitments contained in this submittal are provided in enclosure 3. Please direct questions concerning this issue to B. A. Kimsey at (615) 870-6847.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



R. Gridley, Manager
Nuclear Licensing and
Regulatory Affairs

Sworn to and subscribed before me
this 26th day of Sept 1988

Susan Craker
Notary Public

My Commission Expires 2/7/90

Enclosures

cc (Enclosures):

Ms. S. C. Black, Assistant Director
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. F. R. McCoy, Assistant Director
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Kajlon II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Sequoyah Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy Daisy, Tennessee 37379

ENCLOSURE 1

SON UNIT 1 FINAL STATUS SHEET AND INSPECTION RESULTS
OF WESTINGHOUSE ELECTRIC CORPORATION (W) DS-206 AND 416 BREAKERS

INSPECTIONS IN ACCORDANCE WITH NRC BULLETIN NO. 88-01

Breaker Type DS	Total No. Inspected	Weld Nos. 2, 3, & 6 Short-Term Inspections		Weld Nos. 1, 4, 5, & 7 Long-Term Inspections	W Engr Weld Evaluation	No. of New Pole Shafts Installed	No. of Pole Shafts Repaired	No. of Breakers Under 6.2.2 Criteria
		6.1.1 No. Passed	6.1.2 No. Passed	7.1 No. Passed				
416	4	1	2	3	N/A	1	2	0
206	52	1	33	27	N/A	14	38	0
Subtotal	56*	2	35	30	N/A	15	40	0

*Eight of these breakers (6 each DS-206 and 2 each DS-416) were reported in NRCB 88-01 inspection status letter dated May 26, 1988. Therefore, a total of 48 breakers has been inspected since the aforementioned letter was sent to NRC.

ENCLOSURE 2

BREAKER MODEL	EQUIPMENT IDENTIFICATION	BREAKER IDENTIFICATION
DS-206	Cooling Tower Fan A-A	SQN-0-BCTB-067-0270-B
DS-206	Cooling Tower Fan B-S (normal feed)	SQN-0-BCTB-067-0271-A
DS-206	Cooling Tower Fan C-S (alternate feed)	SQN-0-BCTB-067-0272-A
DS-206	Cooling Tower Fan B-S (alternate feed)	SQN-0-BCTB-067-0271-B
DS-206	Cooling Tower Fan C-S	SQN-0-BCTB-067-0272-B

NOTE: The cooling tower fans are part of the Auxiliary Essential Raw Cooling Water (AERCW) system. The AERCW system was removed from service with installation of the new ERCW system pumpin station. The above breakers will be utilized as spares after spection has been completed.

ENCLOSURE 3
COMMITMENT LIST

1. The five DS-206 breakers listed in enclosure 2 will be inspected in accordance with NRCB 88-01 requirements before startup following unit 2 cycle 3 refueling outage.
2. The results of these inspections from 1 above will be included in the SQN unit 2 NRCB 88-01 results letter.