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January 22, 1990

Mr. A. Bert Davis Regional Administrator U.S. Nuclear Regulatory Commission Region III 799 Roosevelt Road Glen Ellyn, IL 60137

> Subject: Braidwood Station Units 1 and 2 Supplemental Response to NRC Bulletin 88-01 NRC Docket Nos. 50-456 and 50-457

- References: (a) NRC Bulletin 88-01, dated February 5, 1988.
 - (b) W.E. Morgan letter to A.B. Davis, dated April 8, 1988.
 - (c) W.E. Morgan letter to A.B. Davis, dated June 27, 1988.

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Dear Mr. Davis:

Reference (a), addressed to all holders of operating licenses or construction permits for nuclear power reactors, provided information on Westinghouse series DS circuit breakers and safety concerns associated with their use. Addressees using these breakers in Class 1E service were requested to perform and document inspection of the welds on the pole shafts and inspection of the alignment in the breaker closing mechanism.

For Braidwood Station, References (b) and (c) presented the results for the inspection of the remaining Westinghouse DS breakers. This letter provides the current status of the DS breaker inspections for Braidwood Station following completion of the recent Unit 1 refueling outage (Fall 1989). The progress of the breaker inspections is ahead of the schedule previously presented in Reference (b).

As reported in Reference (b), there are 73 breakers, consisting of Westinghouse DS-206 and DS-416 circuit breakers, which require inspection at Braidwood Station. At this time, 69 of the 73 breakers have had "short-term" and "long-term" inspections performed as defined in Reference (a). Pole shafts were replaced on those breakers which failed to meet all of the weld acceptance criteria identified in Reference (a). Breaker alignment inspections were only performed with originally installed pole shafts, or replacement pole shafts, which met the weld acceptance criteria. The results of the breaker inspections are presented in the following table.

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A.B. Davis

	Type 416	Type 206
No. of breakers inspected	9	60
No. of breakers which had pole shafts replaced due to welds	8	57
No. of breakers requiring corre action for alignment	ctive O	0

As reported in Reference (b), the Unit 1 reactor trip/bypass brockers, which are DS-416 circuit breakers, were initially inspected to Westinghouse Technical Bulletin NSID-TB-87-11 prior to the issuance of Reference (a). Therefore, the pole shaft welds for the breakers were not initially inspected for porosity, an inspection parameter which was added to the Westinghouse Bulletin by Reference (a). The Unit 1 reactor trip/bypass breakers were reinspecied to the additional acceptance criteria provided by Reference (a), and these inspection results are reflected in the previous table.

At this time it is expected that the remaining DS breaker inspections will be completed by the end of the upcoming Unit 2 refueling outage (scheduled to begin in March 1990). A final response to Reference (a) for Braidwood Station will be submitted 30 days following the completion of the Unit 2 refueling outage.

Flease direct any questions that you may have concerning this response to this office.

Respectfully,

itton H. Richter

M.H. Richter Generic Issues Administrator

cc: Document Control Desk - NRR Senior Resident Inspection - Braidwood S. Sands - Project Manager, NRR

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