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August 16, 1995

AEP:NRC:1173E

Docket Nos.: 50-315  
50-316

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

Gentlemen:

Donald C. Cook Nuclear Plant Units 1 and 2  
RESPONSE TO NRC GENERIC LETTER 92-01, REVISION 1, SUPPLEMENT 1  
REACTOR VESSEL STRUCTURAL INTEGRITY

NRC review of reactor pressure vessel (RPV) data submitted pursuant to the requirements of generic letter (GL) 92-01, revision 1 determined that licensees may not have considered all pertinent data in their responses. Supplement 1 to GL 92-01, revision 1 was issued and requires licensees to identify, collect, and report any new data pertinent to the structural integrity of their RPVs and to assess the impact of the data on their RPV integrity analyses. This document addresses the GL 92-01, revision 1, supplement 1 "Required Response" part (1) requirement to provide within 90 days a description of those actions taken or planned to locate all data relevant to the determination of the RPV integrity, or an explanation of why the existing data base is considered complete as previously submitted.

In light of the information contained in supplement 1 to NRC GL 92-01, revision 1 and presentations made at the "NRC Workshop on RPV Integrity Issues" on July 11-13, 1995, it is recognized that additional RPV data may exist. Actions to locate all pertinent RPV data will, therefore, be accomplished for Donald C. Cook Nuclear Plant as described in the following paragraphs.

The unit 1 RPV was fabricated by Combustion Engineering. Information used for the RPV integrity analyses, previously submitted to NRC in our letter AEP:NRC:08940, dated October 29, 1990, was developed using information obtained from unit 1's material surveillance program and from sister plants. To locate and review all other relevant RPV data for unit 1, we will check the available RPV industry data bases (listed below) and, as

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appropriate, initiate confirmatory follow-up communications with sister plants. Industry data bases to be consulted will include: a) EPRI's surveillance capsule database PREP3, b) Westinghouse Owners Group's database RPVDATA, c) Combustion Engineering's Report "Reactor Vessel Group Records Evaluation Program, Phase 2 for the Donald C. Cook Reactor Pressure Vessel Plates, Forgings, Welds and Cladding," d) NRC's "Reactor Vessel Integrity Database" (RVID), and e) Oakridge National Laboratory's "Power Reactor Embrittlement Database" (PR-EDB).

Unit 2 RPV was fabricated by Chicago Bridge & Iron. Information used for the RPV integrity analyses previously submitted to NRC in our letter AEP:NRC:0894T, dated March 12, 1993, was developed using information obtained from unit 2's material surveillance program. To locate and review all other relevant RPV data for unit 2, we will check the available industry data bases (listed below) and, as appropriate, initiate confirmatory follow-up communications with sister plants. Industry data bases to be consulted include: a) EPRI's surveillance capsule database PREP3, b) Westinghouse Owners Group's database RPVDATA, c) NRC's "Reactor Vessel Integrity Database" (RVID), and d) Oakridge National Laboratory's "Power Reactor Embrittlement Data Base" (PR-EDB).

Following our review of the available industry RPV data bases, we will summarize our findings and address GL 92-01, revision 1, supplement 1 "Required Response" part (2).

Sincerely,



E. E. Fitzpatrick  
Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 16th DAY OF August 1995

  
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Notary Public

My Commission Expires: 6-28-99

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