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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
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 RECIP. NAME: RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation

SUBJECT: Informs of changes in operating procedures for automatic rod control sys. Changes made to guarantee that plant transient behavior due to credible control rod drop event will be within plant safety criteria.

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November 29, 1979  
AEP:NRC:00315

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74  
Subject: Control Rod Drop Events

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Denton:

The purpose of this letter is to inform you of changes made in the operating procedures of the Donald C. Cook Nuclear Plant in order to guarantee that all plant transient behavior resulting from any credible control rod drop event will be within established plant safety criteria. The procedural change involves the criteria for the operation of the automatic rod control system. The following guidelines have been incorporated into the plant operating procedures.

1. Power below 90% Rated Thermal Power (RTP) - either automatic or manual rod control allowed with present control rod insertion limits in effect.
2. Power between 90% and 100% RTP - rod control must be manual unless control bank D is withdrawn beyond 215 steps.

The basis and form of these guidelines were discussed in a November 19, 1979 meeting attended by your Staff, Westinghouse Electric Corporation and utilities operating Westinghouse Nuclear Steam Supply Systems. Upon discussion of the relevant concerns including

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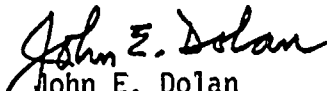
Mr. Harold R. Denton, Director

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DNB criteria and reactor trip generation, all parties agreed that this approach assures that any credible rod drop is bounded by the operating plants' current safety analysis. These guidelines will remain in effect until a Westinghouse topical report which will provide the basis for changing the procedures is submitted and approved by the NRC Staff.

Very truly yours,

  
John E. Dolan  
Vice President

JED:em

cc: R. C. Callen  
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Mr. Harold R. Denton, Director

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