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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

AUTH. NAME: ALEXICH, M.P. AUTHOR AFFILIATION: Indiana & Michigan Electric Co.
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director

SUBJECT: Application for amends to Licenses DPR-58 & DPR-74, changing
 Tech Specs to make number of operating coolant loops
 required in Mode 3 consistent w/safety analysis in FSAR.

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The following information was obtained from the records of the
 Department of the Interior, Bureau of Land Management, at
 Washington, D. C., on the subject of the land owned by the
 United States in the State of California, and the same is
 being furnished to you for your information.

The total area of land owned by the United States in the
 State of California is approximately 100,000,000 acres.

The following is a list of the principal lands owned by the
 United States in the State of California:

Name of Land	Section	Township	Range	County
1. Public Lands	2. National Forests	3. National Monuments	4. National Reserves	5. National Parks
6. National Cemeteries	7. National Hospitals	8. National Prisons	9. National Asylums	10. National Schools
11. National Churches	12. National Universities	13. National Museums	14. National Libraries	15. National Archives
16. National Parks	17. National Monuments	18. National Reserves	19. National Cemeteries	20. National Hospitals
21. National Prisons	22. National Asylums	23. National Schools	24. National Churches	25. National Universities
26. National Museums	27. National Libraries	28. National Archives	29. National Parks	30. National Monuments
31. National Reserves	32. National Cemeteries	33. National Hospitals	34. National Prisons	35. National Asylums
36. National Schools	37. National Churches	38. National Universities	39. National Museums	40. National Libraries
41. National Archives	42. National Parks	43. National Monuments	44. National Reserves	45. National Cemeteries
46. National Hospitals	47. National Prisons	48. National Asylums	49. National Schools	50. National Churches
51. National Universities	52. National Museums	53. National Libraries	54. National Archives	55. National Parks
56. National Monuments	57. National Reserves	58. National Cemeteries	59. National Hospitals	60. National Prisons
61. National Asylums	62. National Schools	63. National Churches	64. National Universities	65. National Museums
66. National Libraries	67. National Archives	68. National Parks	69. National Monuments	70. National Reserves
71. National Cemeteries	72. National Hospitals	73. National Prisons	74. National Asylums	75. National Schools
76. National Churches	77. National Universities	78. National Museums	79. National Libraries	80. National Archives
81. National Parks	82. National Monuments	83. National Reserves	84. National Cemeteries	85. National Hospitals

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 United States in the State of California:

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INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631
COLUMBUS, OHIO 43216

December 3, 1984
AEP:NRC:0895A

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
REACTOR COOLANT PUMP TECHNICAL SPECIFICATIONS CHANGE REQUEST

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

Dear Mr. Denton:

This letter and its attachments constitute an application for amendment to the Technical Specifications for the Donald C. Cook Nuclear Plant Unit Nos. 1 and 2. Specifically, we are proposing to change T/S Section 3.4.1.2 and the Bases page B 2-7 for both Units 1 and 2. The reasons for the proposed changes and our analyses concerning significant hazards considerations are contained in Attachment 1 to this letter. The proposed revised Technical Specification pages are contained in Attachment 2.

We believe that the proposed changes will not result in (1) a significant change in the types of effluents or a significant increase in the amounts of any effluent that may be released offsite, and (2) a significant increase in individual or cumulative occupational radiation exposure.

These proposed changes have been reviewed by the Plant Nuclear Safety Review Committee (PNSRC) and will be reviewed by the Nuclear Safety and Design Committee (NSDRC) at their next regularly scheduled meeting.

In compliance with the requirements of 10 CFR 50.91(b)(1), a copy of this letter and its attachments have been transmitted to Mr. R. C. Callen of the Michigan Public Service Commission and Mr. George Bruchmann of the Michigan Department of Public Health.

Pursuant to 10 CFR 170.12(c), we have enclosed an application fee of \$150.00 for the proposed amendments.

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IN ORDER TO BE ABLE TO
DO THIS, WE MUST
HAVE A GOOD UNDERSTANDING
OF THE PROBLEM.

THE FIRST STEP
IS TO IDENTIFY
THE PROBLEM.

THE SECOND STEP
IS TO ANALYZE THE PROBLEM.
THIS INVOLVES
IDENTIFYING THE CAUSES
OF THE PROBLEM.

THE THIRD STEP
IS TO DEVELOP A SOLUTION.
THIS INVOLVES
IDENTIFYING THE BEST
WAY TO SOLVE THE PROBLEM.


THE FOURTH STEP
IS TO IMPLEMENT THE SOLUTION.
THIS INVOLVES
PUTTING THE SOLUTION
INTO PRACTICE.

THE FIFTH STEP
IS TO EVALUATE THE SOLUTION.
THIS INVOLVES
CHECKING TO SEE IF THE
SOLUTION IS WORKING.

THE SIXTH STEP
IS TO REEVALUATE THE SOLUTION.
THIS INVOLVES
CHECKING TO SEE IF THE
SOLUTION IS STILL WORKING.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,


M. P. Alexich
Vice President
RMH
12/3/84

MPA/cm

Attachments

cc: John E. Dolan
W. G. Smith, Jr. - Bridgman
G. Bruchmann
R. C. Callen
G. Charnoff
NRC Resident Inspector - Bridgman

[illegible]

1. The first group of people who are not in the labor force are those who are not in the labor force for any reason. This group includes people who are not in the labor force because they are not in the labor force for any reason.

[illegible]

ATTACHMENT 1 TO AEP:NRC:0895A
REASONS AND 10 CFR 50.92 ANALYSES FOR
CHANGES TO THE
DONALD C. COOK NUCLEAR PLANT UNIT NOS. 1 AND 2
TECHNICAL SPECIFICATIONS

The first change proposed here is to make the Technical Specification for the number of operating coolant loops required in Mode 3 consistent with the safety analysis in the FSAR. Technical Specification 3.4.1.2b, Units 1 and 2, is changed from "At least one of the above coolant loops shall be in operation.*" to "At least two of the above coolant loops shall be in operation unless the reactor trip breakers are disconnected.*" Also, Technical Specification 3.4.1.2.c is added; "At least one of the above coolant loops shall be in operation if the reactor trip breakers are disconnected.*" This specification change corrects the discrepancy between the FSAR and the Technical Specifications brought to our attention in a recent review done by Westinghouse (the letter summarizing the review was attached to our correspondence AEP:NRC:0895, dated July 30, 1984). This review states that the one coolant loop currently required to be in operation may not be adequate in the event of a bank withdrawal from subcritical. A bank withdrawal cannot occur if the reactor trip breakers are disconnected, hence the Specification 3.4.1.2.c, that the breakers be disconnected if only one coolant loop is operating. If the reactor trip breakers are connected, two coolant loops must be operating in order to be consistent with the FSAR safety analysis. This, consequently, is the justification for the change in Technical Specification 3.4.1.2.b from one to two coolant loops. Since these changes institute a higher degree of safety than the current Technical Specifications, they do not constitute a significant hazards consideration as defined by 10 CFR 50.92.

The second Technical Specification change is prompted by Noncompliance Report (NCR) REE-84-6-1 issued March 27, 1984. This NCR identified a discrepancy in the Unit 1 Technical Specification Bases page B 2-7. The time specified for the limit on the undervoltage signal delay (0.1 seconds) is not consistent with the Unit 2 Technical Specification or current plant installation (which require a delay of 0.9 seconds). It is our current policy when making a change, such as this for consistency, to use the language of the Westinghouse Standard Technical Specifications (STS) NUREG 0452, Revision 4). Therefore, we propose to change the bases of both Units to the exact wording used in the STS (with the exception that the undervoltage signal delay will be set at 0.9 seconds, slightly more conservative than the 1.2 second delay referenced in the STS). Since this change makes the Unit 1 Technical Specification equivalent to the previously approved Unit 2 Technical Specification, it does not present a significant hazards consideration as defined in 10 CFR 50.92.