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 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
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 RECIP.NAME RECIPIENT AFFILIATION
 MURLEY, T.E. Document Control Branch (Document Control Desk)

SUBJECT: Submits addl info to support 910215 application for amend to
 Licenses DPR-58 & DPR-74, changing TS re spent fuel pool
 operation during Unit 2 Cycle 9 operation, per 920109 telcon
 w/NRC.

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AEP:NRC:1071R

Donald C. Cook Nuclear Plant Units 1 and 2
License Nos. DPR-58 and DPR-74
Docket Nos. 50-315 and 50-316
ADDITIONAL INFORMATION RELATED TO
PROPOSED TECHNICAL SPECIFICATIONS CHANGES
REGARDING SPENT FUEL POOL OPERATION DURING
UNIT 2 CYCLE 9 OPERATION (AEP:NRC:1071N)

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

Attn: T. E. Murley

January 14, 1992

Dear Dr. Murley:

This letter is submitted pursuant to a request made by members of your staff during a telephone conference held on January 9, 1992. The telephone conference involved your staff's review of our submittal of February 15, 1991 (AEP:NRC:1071N) in which we proposed changes to the technical specifications regarding spent fuel pool criticality. Specifically, we were asked to ensure that the NRC staff's conclusions regarding the environmental impact of extended burnup fuel, published in Volume 53, Number 39 of the Federal Register on February 29, 1988 is applicable to the Donald C. Cook Nuclear Plant fuel assemblies.

We have reviewed the specified Federal Register notice, as well as the assessment of environmental impact prepared by the Office of Nuclear Reactor Regulation included with a memorandum from F. J. Miraglia, Jr. (NRR) to J. Scinto (OGC) dated July 7, 1988. We conclude that these environmental assessments are applicable to the fuel assemblies in use at the Donald C. Cook Nuclear Plant. These assessments demonstrate that the use of extended burnup fuel would not involve any significant radiological or non-radiological environmental impacts.

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Dr. T. E. Murley

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AEP:NRC:1071R

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Sincerely,



E. E. Fitzpatrick
Vice President

msa

cc: D. H. Williams, Jr.
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