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 AUTH. NAME AUTHOR AFFILIATION
 DOLAN, J.E. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation

SUBJECT: Responds to NRC 800418 ltr re evaluation of ultimate strength of facility containment bldgs. Requests advisement of ongoing NRC work re hydrogen generation & containment capacity studies & opportunity to comment on results.

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NEW YORK, N. Y. 10004

May 30, 1980
AEP:NRC:00408

Donald C. Cook Nuclear Plant Units 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74

Mr. H. Denton, Director
Division of Operating Reactors
Office of the Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

This letter is in response to Mr. A. Schwencer's letter of April 18, 1980 concerning the evaluation of the ultimate strength of the containment buildings of the Donald C. Cook Nuclear Plant.

Dr. G. A. Harstead, the NRC consultant, requested a meeting which took place in our New York offices on May 12, 1980. Most of the pertinent information he requested has been given to Dr. Harstead, including containment design drawings, construction specifications, containment structural integrity test reports, and the applicable sections of the Plant's FSAR. The certified mill test reports of the materials used for the containment liner and the reinforcing bars will be sent to Dr. Harstead.

Your letter noted that this evaluation of the Cook Plant is being performed to determine the ultimate strength capacity of the containment structure when the effect of hydrogen burning is added to the other design loads. We are interested in your study and we request being advised by the NRC of the on-going work on both hydrogen generation and containment capacity studies. We would also like to have an opportunity to review and comment on the results prior to them being made final.

Very truly yours,

John E. Dolan
John E. Dolan
Vice President

cc: (attached)

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Mr. H. R. Denton

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