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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
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 ALEXICH, M. P. American Electric Power Co., Inc.  
 RECIP. NAME RECIPIENT AFFILIATION  
 MURLEY, T. E. Document Control Branch (Document Control Desk)

SUBJECT: Discusses reactor vessel matl surveillance rept re  
 Capsule X Tech Spec heat-up & cooldown curves. Difference in  
 data between test results of Capsule X & Y negligible.

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AEP:NRC:0894J

Donald C. Cook Nuclear Plant Unit 2  
Docket No. 50-316  
License No. DPR-74  
REACTOR VESSEL MATERIAL SURVEILLANCE REPORT -  
CAPSULE X T/S HEAT-UP AND COOLDOWN CURVES

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

Attn: T. E. Murley

February 18, 1988

Dear Dr. Murley:

In our submittal AEP:NRC:0894I dated June 26, 1987 we submitted the Reactor Vessel Material Surveillance Reports for the Donald C. Cook Nuclear Plant Unit No. 2. That report was prepared by Southwest Research Institute (SWRI) based on the test results for Capsule X. The current T/S heat-up and cooldown curves are based on Capsule Y test results. As shown in Figures 11 and 12 of the SWRI report, the difference in data between the test results of Capsule X and Capsule Y is negligible. Since the Capsule Y results are slightly more conservative than the Capsule X results, we intend to operate the plant within the bounds of the existing technical specification curves and are not planning to seek a technical specifications change.

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

Sincerely,

A handwritten signature in dark ink, appearing to read 'M. P. Alexich', is written over the typed name.

M. P. Alexich  
Vice President  
cm

cc: D. H. Williams, Jr.  
W. G. Smith, Jr. - Bridgman  
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G. Charnoff  
A. B. Davis, NRC Region III  
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*Handwritten:* Aool 1/0

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