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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH. NAME: HUNTER, R.S. AUTHOR AFFILIATION: Indiana & Michigan Electric Co.  
 RECIP. NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards supporting info for Tech Specs change request.  
 Includes Figure 4.1 of WCAP-9828 re nuclear design & core  
 mgt for Cycle 3 & "Reload Safety Evaluation, DC Cook Nuclear  
 Plant, Unit 2, Cycle 3."

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# INDIANA & MICHIGAN ELECTRIC COMPANY

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NEW YORK, N. Y. 10004

May 7, 1981  
AEP:NRC:0564A



Donald C. Cook Nuclear Plant Unit No. 2  
Docket No. 50-316  
License No. DPR-74  
Additional Support Information for Technical Specification  
Change Request

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

Dear Mr. Denton:

Please find attached to this letter one copy of each of the following two items:

- a) "Reload Safety Evaluation for D. C. Cook Nuclear Plant Unit 2, Cycle 3", December 1980.
- b) Figure 4.1 of "The Nuclear Design and Core Management of the Donald C. Cook Unit 2 Nuclear Plant Cycle 3", WCAP-9828, December 1980.

Item a) was used as reference in our request for a Technical Specification Change contained in Attachment 1 to our letter AEP:NRC:0564 dated May 1, 1981.

Item b) is being supplied at the request of your Staff to assist them in the review of our above mentioned request.

Very truly yours,

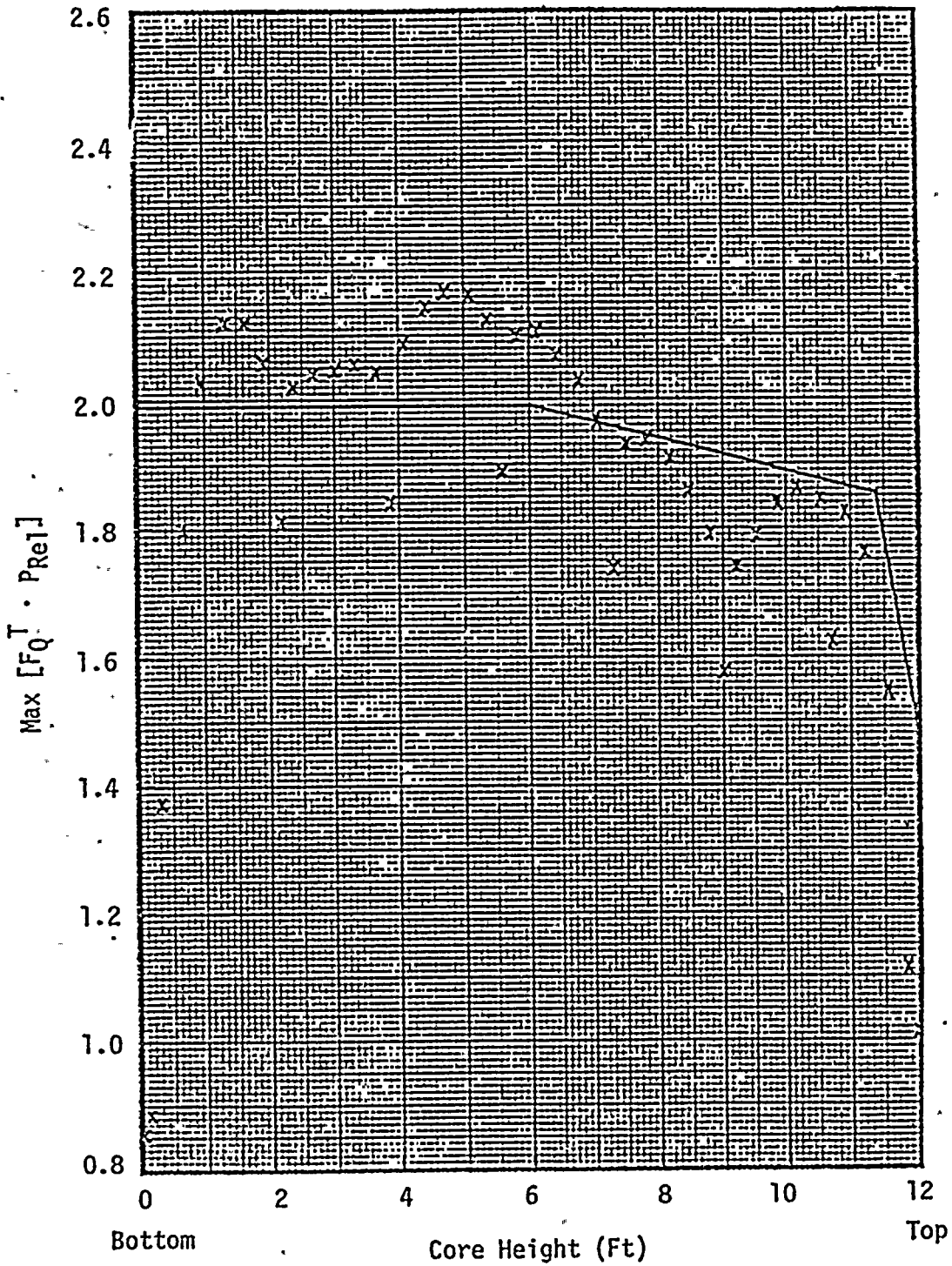
  
R. S. Hunter  
Vice President

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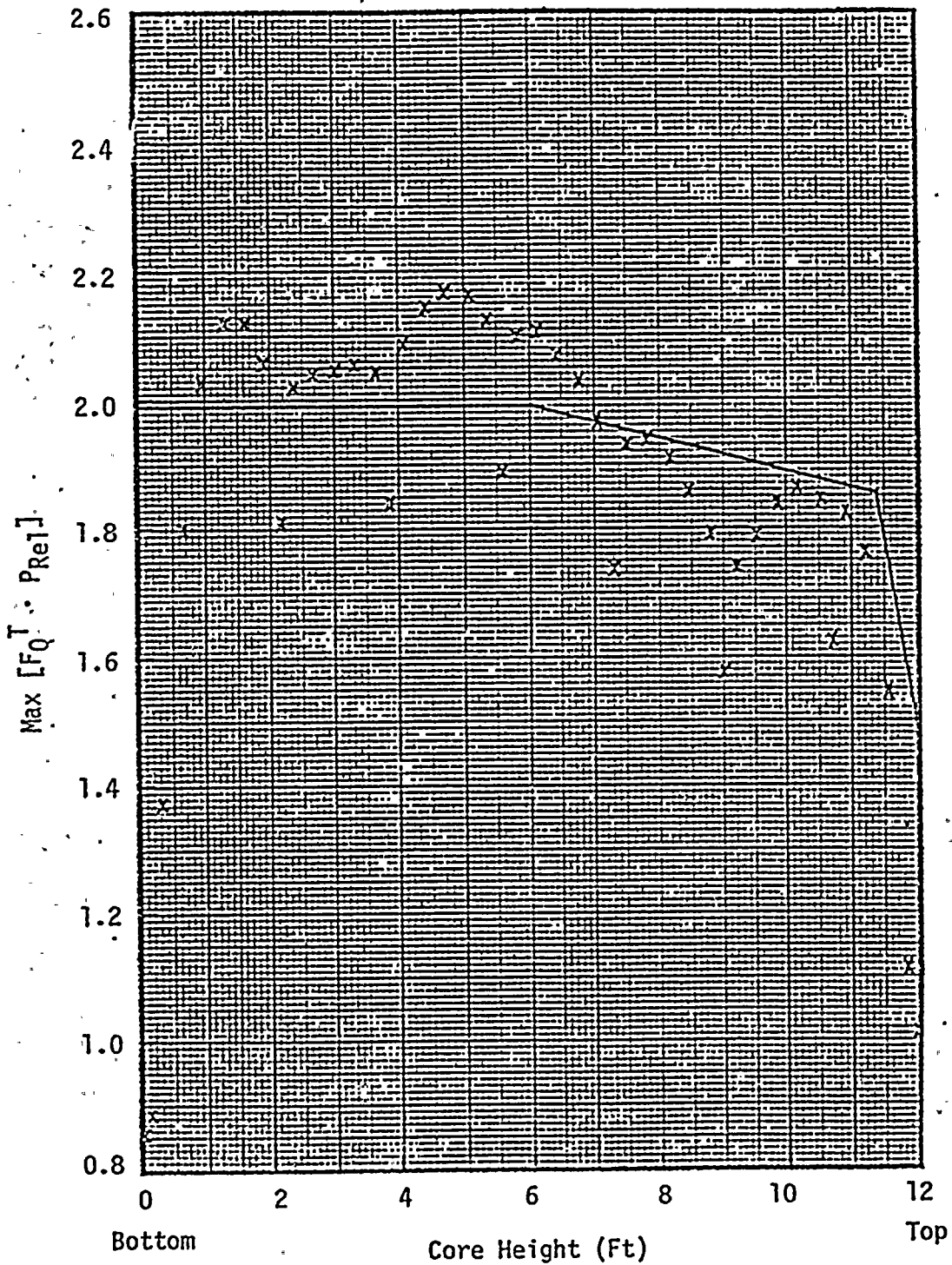
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DEPARTMENT OF JUSTICE  
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WASHINGTON, D. C. 20535



Maximum  $FQ^T \cdot P_{ReI}$  vs Axial Core Height  
During Normal Core Operation



Maximum  $F_Q^T \cdot P_{Re1}$  vs Axial Core Height  
During Normal Core Operation