Mr. Andrew Drake, Project Manager Westinghouse Owners Group Westinghouse Electric Corporation Mail Stop ECE 5-16 P.O. Box 355 Pittsburgh, PA 15230-0355

Dear Mr. Drake:

SUBJECT: REQUEST FOR REVIEW OF REPORT ENTITLED "ASSESSMENT OF RISK

SIGNIFICANCE ASSOCIATED WITH ISSUES IDENTIFIED AT D.C. COOK

NUCLEAR POWER PLANT"

Attached for your information and review is the draft report entitled "ASSESSMENT OF RISK SIGNIFICANCE ASSOCIATED WITH ISSUES IDENTIFIED AT D.C. COOK NUCLEAR POWER PLANT." This report documents the assessment of the risk significance of 141 issues identified at the Donald C. Cook Nuclear Plant, Units 1 and 2 (Cook) since August 1997.

The Operating Experience Risk Analysis Branch of the office of Nuclear Regulatory Research (RES) conducted this assessment as part of the agency's Accident Sequence Precursor (ASP) Program. In performing this assessment, the RES staff applied the ASP methodology to estimate the risk significance associated with each issue as well as the integrated risk significance associated with the combined issues.

Out of 141 issues analyzed, five issues were identified to be potential accident sequence precursors. The preliminary estimate of the total change in core damage frequency (ΔCDF) resulting from all issues identified at Cook was approximately 4.7×10⁻⁴/year for each of the Cook units. The risk significance of the combined impact of all containment-related issues was determined to be small. We plan to finalize the above findings after addressing internal and external peer review comments.

In accordance with our peer review process, prior to the distribution of the final report, we want to provide you with the opportunity to review and comment on the attached draft report. In order to meet our planned publication schedule, we would appreciate receiving your comments within 60 days from receipt of this letter.

A copy of this draft report and letter are being placed in the Public Document Room at 2120 L Street NW, Washington, DC 20555.

If you have any questions related to this report, please contact Dr. Sunil Weerakkody of my staff at 301-415-6374 or e-mail: sdw1@nrc.gov.

Sincerely,

Thomas L. King, Director Division of Risk Analysis and Applications Office of Nuclear Regulatory Research

Attachment: As stated

cc w/o att:

A.Thadani, RES

M. Federline, RES

S. Collins, NRR

R. Zimmerman, NRR

B. Sheron, NRR

MEMORANDUM DATED: / /00

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SIGNIFICANCE ASSOCIATED WITH ISSUES IDENTIFIED AT D.C. COOK

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Distribution w/att.:

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IDENTICAL LETTERS

Mr. Andrew Drake, Project Manager

Westinghouse Owners Group

Westinghouse Electric Corporation

Mail Stop ECE 5-16 P.O. Box 355

Pittsburgh, PA 15230-0355

Dr. Theodore U. Marston

Vice President and Chief Nuclear Officer

EPRI

3412 Hillview Avenue Palo Alto, CA 94304

Mr. Ralph E. Beedle

Senior Vice President and Chief Nuclear Officer

Nuclear Generation Division Nuclear Energy Institute 1776 I Street N.W.

Suite 400

Washington, D.C. 20006-3708

Mr. David A. Lochbaum Union of Concerned Scientists 1616 P Street, N.W. Suite 310 Washington, D.C. 20035-1495

Mr. Joseph M. Solymossy **Director of Project Services** Institute of Nuclear Power Operations 700 Galleria Parkway, NW Atlanta, GA 30339-5957

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Dr. Theodore U. Marston Vice President and Chief Nuclear Officer EPRI 3412 Hillview Ave. Palo Alto, CA 94304

Dear Dr. Marston:

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Out of 141 issues analyzed, five issues were identified to be potential accident sequence precursors. The preliminary estimate of the total change in core damage frequency (ΔCDF) resulting from all issues identified at Cook was approximately 4.7×10⁻⁴/year for each of the Cook units. The risk significance of the combined impact of all containment-related issues was determined to be small. We plan to finalize the above findings after addressing internal and external peer review comments.

Mr. Ralph E. Beedle Senior Vice President and Chief Nuclear Officer Nuclear Generation Division Nuclear Energy Institute 1776 I Street N.W. Suite 400 Washington, D.C. 20006-3708

washington, D.C. 20006-3706

Dear Mr. Beedle:

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Mr. David A. Lochbaum Union of Concerned Scientists 1616 P Street, N.W. Suite 310 Washington, D.C. 20035-1495

Dear Mr. Lochbaum:

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Mr. Joseph M. Solymossy Director of Project Services Institute of Nuclear Power Operations 700 Galleria Parkway, NW Atlanta, GA 30339-5957

Dear Mr. Solymossy:

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ROUTING AND TRANSMITTAL SLIP					Date 5/2/00			
TO: (Name, office symbol, room #, building, agency/post)						Date		
S. Weerakkody - Concur								
2. S. Mays - Concur								
3. P. Baranowsky - Concur								
4. T. King - Concur/Signature								
5.								
6.								
7.								
8.								
9.								
10.								
	Action	File		Note and Return				
	Approval	For Clearance		Per Conversation				
	As Requested	For Correction		Prepare Reply				
	Circulate	For Your Information		See Me				
	Comment	Investigate	Х	Concurrence/Signature				
	Coordination	Justify						
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