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 FACIL:50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
 AUTH.NAME AUTHOR AFFILIATION  
 ANDERSON,T.M. Westinghouse Electric Corp.  
 RECIP.NAME RECIPIENT AFFILIATION  
 EISENHUT,D. Division of Operating Reactors

SUBJECT: Advises that WESTDYN computer code analysis of benchmark problems will be completed by 790731.

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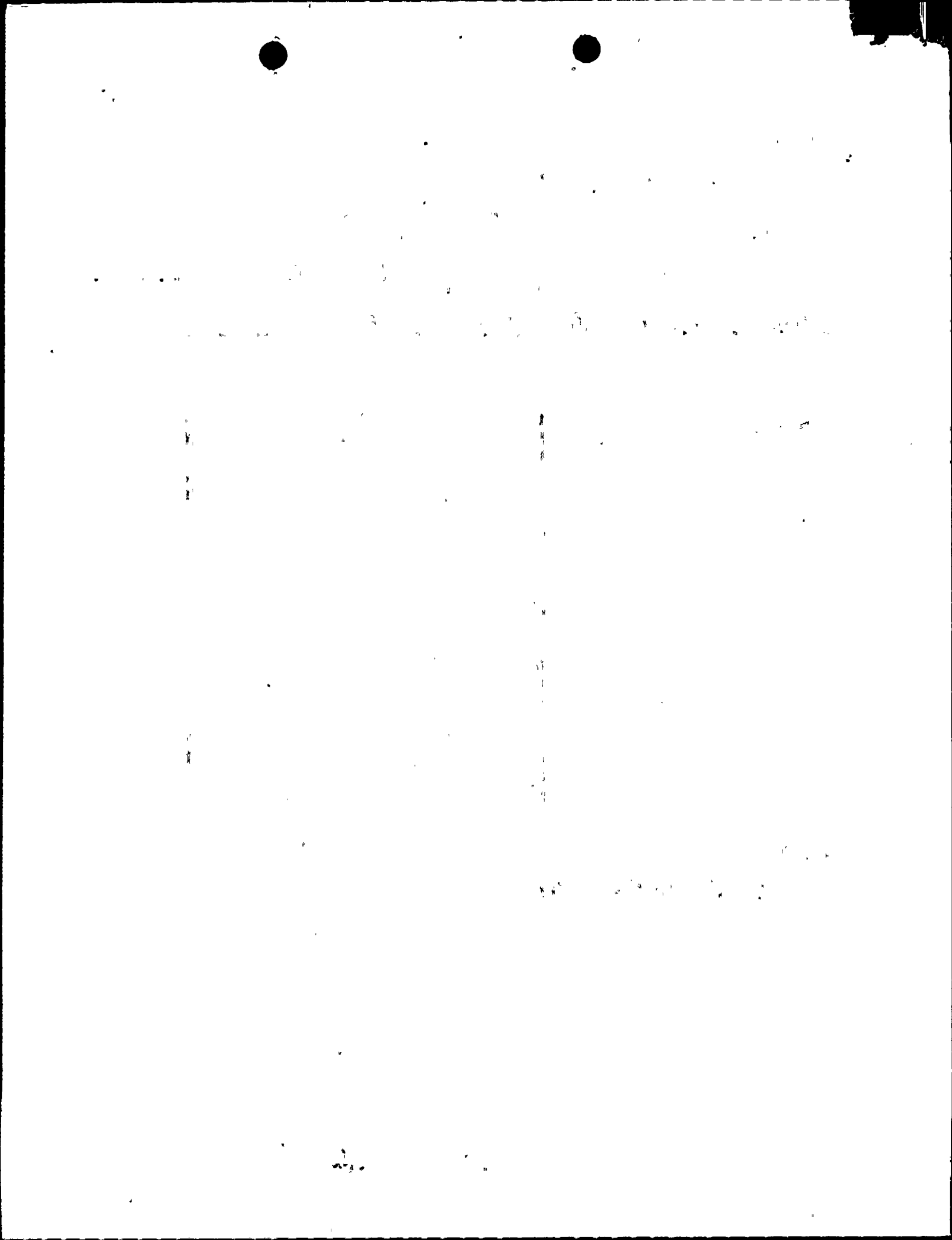
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Westinghouse  
Electric Corporation

Water Reactor  
Divisions

PWR Systems Division

Box 355  
Pittsburgh Pennsylvania 15230

REPRODUCTION DOCUMENT COPY

NS-TMA-2105

June 26, 1979

D. Eisenhut  
Acting Director  
Division of Operating Reactors  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20014

- Ref: a. NS-TMA-2094, T. M. Anderson to V. Stello
- b. WCAP 8252, Revision 1, "Documentation of Selected Westinghouse Structural Analysis Codes."
- c. Letter dated 6/26/79 from L. Shao of NRC to T. M. Anderson

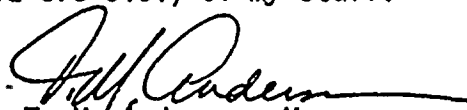
Dear Mr. Eisenhut:

On June 22, 1979 Westinghouse representatives met with members of your Staff to review the listing for the WESTDYN computer code. This review determined that the WESTDYN code as described in Reference (b) utilizes acceptable methods of modal combination and established the acceptability of the calculational methods used in WESTDYN for the re-analyses performed for the plants listed in Reference (a). During this review, it was requested that Westinghouse commit to solve, using the WESTDYN code, a set of three benchmark problems provided by the NRC Staff in addition to those presented in Reference (b) and to provide the information (system layout, material properties, modelling information, response spectra inputs and analysis results) needed by the NRC Staff to perform a confirmatory analysis of the pressurizer surge line for D. C. Cook. The NRC Staff's request to perform these additional benchmark problems was confirmed by Reference (c). Satisfactory completion of the three additional benchmark problems and the confirmatory analysis of the D. C. Cook surge line will result in generic approval of the WESTDYN computer code for response spectrum analysis.

Westinghouse has committed to solve NRC benchmark problems 1, 4 and 323A. Based on our preliminary review of these problems, these analyses will be completed by July 31, 1979. As discussed with your Staff on June 22, 1979, it is possible that Westinghouse may have some difficulties in analyzing these problems with the WESTDYN code. If this occurs, we will consult with your Staff to obtain resolution of the difficulties and to establish an appropriate schedule for completion of the analysis.

The information needed by the NRC to confirm the analysis of the D. C. Cook pressurizer surge line is being compiled for transmittal to the NRC by July 13, 1979.

If you have any further questions on this matter, please contact Mr. R. J. Sero (412-373-4189) or Mr. W. R. Sugnet (412-373-5131) of my staff.

  
T. M. Anderson, Manager  
Nuclear Safety Department

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S/O  
ADD.  
L. KINTNER  
LTR

T. F. Timmons/keg

cc: V. Noonan

7907060279



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

CENTRAL FILES

JUN 22 1979

Docket No. 50-315  
Docket No. 50-316

American Electric Power Service  
Corporation  
Indiana and Michigan Power Company  
ATTN: Mr. John E. Dolan  
Vice Chairman  
Engineering and Construction  
2 Broadway  
New York, NY 10004

Gentlemen:

In accordance with our plans as described in our May 22, 1979, letter to you, the first of two direct and dedicated telephone lines was recently installed in your facility. This line is part of what has been designated the Off Premise Extension (OPX) network, an automatic ringing system that is designed to facilitate immediate notifications to the NRC of significant incidents and to provide continuous and uninterrupted communication of operational information between your facility, the NRC Operations Center in Bethesda, Maryland, and the Regional Office during the course of such incidents.

We have been testing the OPX network on a daily basis for the past several weeks, and plan to continue on this schedule until confidence in the reliability of the network has been established and all problems have been eliminated. After that we will continue the tests but at a reduced frequency. A copy of the test procedure is provided as an enclosure to this letter for your information.

The OPX network is not to be used for routine communications with the NRC. It shall be used only for those events requiring immediate notification as defined in 10 CFR 20.403(a), and in IE Bulletin Series Nos. 79-05, -06, and -08, which require notification within one hour of the time a reactor is not in a controlled or expected condition of operation. In addition, the network shall be used where it is apparent that immediate NRC attention is necessary. This may include some, but certainly not all, prompt notifications now required.

We are now arranging for the installation of the second direct and dedicated line into your facility. This line will be part of what has been designated the Selective Signaling System (SS-4) network, a dial-up system - not automatic ringing, which is intended to be used during an

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American Electric Power  
Company

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JUN 22 1979

incident to provide continuous and uninterrupted communication between your facility, the NRC Operations Center, and the Regional Office regarding radiological and environmental matters. You will be contacted soon regarding the installation of this second line.

If you have any questions concerning these communications networks or any comments regarding their use, please contact A. B. Davis of my staff on 312-858-2660.

Sincerely,

James G. Keppler  
Director

Enclosure: As stated

cc w/encl:  
Mr. D. V. Shaller,  
Plant Manager  
Central Files  
Director, NRR/DPM  
Director, NRR/DOR  
PDR  
Local PDR  
NSIC  
TIC  
Ronald Callen, Michigan Public  
Service Commission  
Citizens for a Better Environment

RIII

Heishman/sr

RIII

Keppler

6/22/79

## TESTING OPX TELEPHONE NETWORK

### Test Schedule

In order to minimize the impact on both NRC and licensees, test will be conducted during specified time periods as follows:

Region I, IV, and V Licensees	10 PM to Midnight EST
Region II and III Licensees	5 AM to 7 AM EST

Frequency of the test will be daily until further notice.

### Test Procedure

1. The Duty Officer at the NRC Operations Center calls the facility and identifies himself.
2. The party answering is requested to identify himself. The NRC Duty Officer then requests that the answering party hang up the telephone when the NRC Duty Officer hangs up.
3. The individual at the facility waits 10 seconds and then picks up the OPX telephone to initiate a signal at the NRC Operations Center.
4. When the NRC Duty Officer answers, the individual identifies the facility from which he is calling.
5. The NRC Duty Officer asks the caller to hold while a three party conference is established with the Regional Office Duty Officer.
6. Each party identifies himself and determines the quality of the connection.
7. The test is terminated.
8. Any necessary corrective action is initiated by the NRC Duty Officer.

NOTE: If, at any time, a licensee has reason to believe his phone is inoperable, he should immediately notify the Duty Officer at the NRC Operations Center at (301) 492-8111.

### Extension Check

Occasionally a check of each extension at the facility will also be made. This check will be scheduled in advance by the Duty Officer in the NRC Operations Center to be performed at a time acceptable to facility personnel.