

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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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  
 ALEXICH, M. P. Indiana & Michigan Electric Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Forwards list of commitment & target dates for emergency response activities, supplementing & superceding 830415 ltr, per Generic Ltr 82-33, Suppl 1 to NUREG-0737.

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 TITLE: OR/Licensing Submittal: Suppl 1 to NUREG-0737 (Generic Ltr 82-33)

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and your efforts to get the people to work together to solve the problems of the world.

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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Figure 1 shows a 2D hexagonal lattice of atoms. A central atom is labeled '1'. It is surrounded by six nearest neighbors, labeled '2' through '7'. The next ring of atoms is labeled '8' through '13'. The diagram illustrates the arrangement of atoms in a 2D hexagonal lattice structure.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28°C. The cell concentration of the *Agrobacterium* strains was adjusted to 10<sup>8</sup> cells/ml. The cell suspension was mixed with the plant tissue and incubated for 24 h at 28°C. The plant tissue was then cultured on the selective medium. The transformation efficiency was calculated as the number of transformants per 100 mg of plant tissue. The data were the mean of three independent experiments.

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# INDIANA & MICHIGAN ELECTRIC COMPANY

P. O. BOX 18  
BOWLING GREEN STATION  
NEW YORK, N. Y. 10004

August 2, 1983  
AEP:NRC:773A

Donald C. Cook Nuclear Plant Unit No. 1 and 2  
Docket No. 50-315 and 50-316  
License No. DPR-58 and DPR-74  
Generic Letter No. 82-33  
Supplement to NUREG-0737  
Requirements for Emergency Response Capability

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

Dear Mr. Denton:

This letter supplements and supercedes our letter of April 15, 1983, from Mr. R. F. Hering to Mr. H. R. Denton on Requirements for Emergency Response Capability (AEP:NRC:773). The purpose of this letter is to identify target dates and commitment dates for the Safety Parameter Display System, Emergency Operating Facility, Technical Support Center, Detailed Control Room Design Review, Regulatory Guide 1.97 Instrumentation and Emergency Operating Procedures activity identified in that letter. Since final implementation dates are contingent upon all other NRC required Emergency Response Facility activities, many of those dates can only be considered targets (i.e. a goal to be achieved, but not necessarily fixed commitments). Specific commitment dates are therefore limited to status reports on these activities. We have listed in Attachment 1 the commitments as well as key target dates for each of the activities discussed above. When we transmit the status reports to you, we will appraise you of any changes to the target dates and the reasons such changes are necessary.

The information contained in this letter has been discussed and agreed to by members of your staff during discussions following receipt of our letter AEP:NRC:773.

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F PDR



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INDIANA & MICHIGAN ELECTRIC COMPANY

P. O. BOX 18  
BOWLING GREEN STATION  
NEW YORK, N. Y. 10004

Mr. H. R. Denton

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AEP:NRC:773A

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.

Very truly yours,

A handwritten signature in cursive script, appearing to read "M. P. Alexich".

M. P. Alexich  
Vice President

MPA:las

Attachment

cc: John E. Dolan  
R. W. Jurgensen  
W. G. Smith, Jr. - Bridgman  
R. C. Callen  
G. Charnoff  
E. R. Swanson, NRC Resident Inspector - Bridgman

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of names and addresses of the members of the committee.

3. The third part of the document is a list of names and addresses of the members of the committee.

4. The fourth part of the document is a list of names and addresses of the members of the committee.

ATTACHMENT 1 TO AEP:NRC:773A

COMMITMENT AND TARGET DATES FOR EMERGENCY RESPONSE ACTIVITIES

I. Safety Parameter Display System, Emergency Operating Facility, and Technical Support Center

- |   |                        |
|---|------------------------|
| A. Status Report                              | Commitment: April 1985 |
| B. SPDS, EOF and TSC Functional (Operational) | Target: September 1985 |

II. Detailed Control Room Design Review

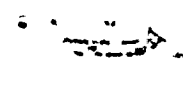
- |                         |                            |
|-------------------------|----------------------------|
| A. Program Plan Report  | Commitment: December, 1983 |
| B. Status Report        | Commitment: September 1984 |
| C. Final Summary Report | Target: December 1985      |

III. Regulatory Guide 1.97, Post-Accident Instrumentation

- |  |                           |
|--|---------------------------|
| A. Status Report on how we intend to meet Regulatory Guide 1.97 requirements | Commitment: February 1985 |
| B. Complete implementation phase of Regulatory Guide 1.97 work               | Target: November 1985     |

IV. Emergency Operating Procedures (upgrade)

- |                                   |                          |
|-----------------------------------|--------------------------|
| A. Status Report                  | Commitment: January 1984 |
| B. Procedures Package             | Target: April 1984       |
| C. EOP's Complete and Implemented | Target: July 1985        |



**Figure 1**

$$L_{\text{eff}} = L \left( 1 - \frac{\alpha}{2} \right)$$
$$t = \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2}$$

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**Table 1**



DISTRIBUTION:  
Docket Files w/o Encl  
ORB #1  
C. Parrish  
D. Wigginton

July 28, 1983

DOCKET NO(S). 50-315/316  
Mr. John Dolan, Vice President  
Indiana and Michigan Electric Company  
c/o American Electric Power Service Corporation  
1 Riverside Plaza  
Columbus, Ohio 43216

SUBJECT: DONALD C. COOK NUCLEAR PLANT  
(Unit Nos. 1 and 2)

The following documents concerning our review of the subject facility are transmitted for your information.

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Notice of Availability of Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation Report, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Notice of Hearing on Application for Construction Permit.
- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Volume \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR- \_\_\_\_\_, Amendment No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. \_\_\_\_\_, Amendment No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Order Extending Construction Completion Date, dated \_\_\_\_\_.
- ☒ Other (Specify) Monthly Report dated July 12, 1983.

Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosures:  
As stated

cc: See next page

OFFICE	ORB..#1					
SURNAME	CParrish/vg					
DATE	7/28/83					

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