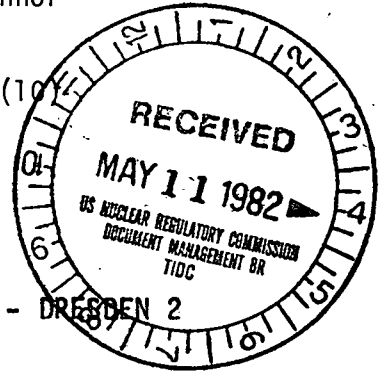


April 23, 1982

Docket No. 50-237  
LS05-82-04-067

DISTRIBUTION  
Docket  
NRC PDR  
Local PDR  
ORB Reading  
NSIC  
DCrutchfield  
HSmith  
PO'Connor  
OELD  
OI&E  
ACRS (10)  
SEPB

Mr. L. DeGeorge  
Director of Nuclear Licensing  
Commonwealth Edison Company  
Post Office Box 767  
Chicago, Illinois 60690



Dear Mr. DeGeorge:

SUBJECT: SEP TOPIC VI-7A.4 - CORE SPRAY NOZZLE EFFECTIVENESS - DRESDEN 2

By letter dated February 22, 1982 we provided our evaluation of SEP Topic VI-7.A.4 for the Dresden 2 facility. Our evaluation stated that we had relied upon a General Electric Company analysis that had not been submitted for our review. The analysis still has not been provided for our use.

Please provide the information requested in Enclosure 1 within 45 days of your receipt of this letter so that we can confirm our earlier position that core spray distribution is not a safety concern at Dresden 2.

This request involves fewer than ten respondents. Therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief  
Operating Reactors Branch #5  
Division of Licensing

Enclosure:  
Information request

cc w/enclosure:  
See next page

SEO1  
1/1  
DS4 use (16)

8205120288 820423  
PDR ADDCK 05000237  
PDR

*RWOL*

OFFICE	DL: ORB #5	DL: ORB #5	DL: ORB #5				
SURNAME	PO'Connor	HSmith	DCrutchfield				
DATE	4/21/82	4/23/82	4/23/82				

Mr. L. DelGeorge

- 2 -

April 23, 1982

cc

Isham, Lincoln & Beale  
Counselors at Law  
One First National Plaza, 42nd Floor  
Chicago, Illinois 60603

Mr. B. B. Stephenson  
Plant Superintendent  
Dresden Nuclear Power Station  
Rural Route #1  
Morris, Illinois 60450

The Honorable Tom Corcoran  
United States House of Representatives  
Washington, D. C. 20515

U. S. Nuclear Regulatory Commission  
Resident Inspectors Office  
Dresden Station  
RR #1  
Morris, Illinois 60450

Mary Jo Murray  
Assistant Attorney General  
Environmental Control Division  
188 W. Randolph Street  
Suite 2315  
Chicago, Illinois 60601

Chairman  
Board of Supervisors of  
Grundy County  
Grundy County Courthouse  
Morris, Illinois 60450

John F. Wolf, Esquire  
3409 Shepherd Street  
Chevy Chase, Maryland 20015

Dr. Linda W. Little  
500 Hermitage Drive  
Raleigh, North Carolina 27612

Judge Forrest J. Remick  
The Carriage House - Apartment 205  
2201 L Street, N. W.  
Washington, D. C. 20037

Illinois Department of Nuclear Safety  
1035 Outer Park Drive, 5th Floor  
Springfield, Illinois 62704

U. S. Environmental Protection Agency  
Federal Activities Branch  
Region V Office  
ATTN: Regional Radiation Representative  
230 South Dearborn Street  
Chicago, Illinois 60604

James G. Keppler, Regional Administrator  
Nuclear Regulatory Commission, Region III  
799 Roosevelt Street  
Glen Ellyn, Illinois 60137

ENCLOSURE

DRESDEN 2  
INFORMATION REQUEST FOR CORE SPRAY DISTRIBUTION

Information derived from the Japanese core spray tests suggested that the central fuel bundles of a BWR/3 core may receive icw core spray flow.

Dresden-2 and Millstone-1 are two BWR/3 plants which are being reviewed as part of the Systematic Evaluation Program (SEP). To respond to the concerns of SEP generic issue A-16, steam effect on BWR core spray distribution, the implication of the core spray test information from Japan on the core spray distribution adequacy for Dresden-2 and Millstone-1 should be addressed.

In a telephone conference with GE, the staff was told that the analyses can be done to demonstrate that for a limiting BWR/3 case (Dresden-2 and Millstone-1 are both BWR/3 cores), the calculated peak cladding temperature will not exceed the 10 CFR 50.46 limit of 2200°F even when no credit is taken in the analyses for core spray cooling.

The applicants are requested to provide the results of the analyses including a description of the assumptions used in the analyses. These should be forwarded to NRC within 45 days after receipt of this request.

If the staff's evaluation of the applicants' analyses reveals results which confirm the staff's understanding gained in the telephone conference, we will be able to conclude that the staff's concern regarding generic issue A-16 for Dresden-2 and Millstone-1 has been satisfactorily answered.