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| FROM: Exxon Nuclear Co.<br>Richland, Washington<br>G.F. Owsley |                |           | DATE OF DOC<br>6-3-75 | DATE REC'D<br>6-11-75 | LTR<br>XXX | TWX  | RPT | OTHER |
| TO: Don Bridges  |                |           | ORIG<br>1 Signed      | CC                    | OTHER      | SENT NRC PDR <u>XXXX</u><br>SENT LOCAL PDR <u>XXXX</u> |     |       |
| CLASS  | UNCLASS<br>XXX | PROP INFO | INPUT                 | NO CYS REC'D<br>1     |            | DOCKET NO:<br>50-261                                   |     |       |

DESCRIPTION:  
Ltr re their ltr. of 5-21-75....and meeting of 3-11-75....Advising of sch for submitting descrp. of the plant transient analyses model will be about 6-15-75.....AXIBOW documents will be transmitted to us by 6-10-75.....

ENCLOSURES:

**ACKNOWLEDGED**  
**DO NOT REMOVE**

PLANT NAME: H.B. Robinson #2

**FOR ACTION/INFORMATION**

VCR 6-13-75

|                         |                            |                             |                           |
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**EXXON NUCLEAR COMPANY, Inc.**

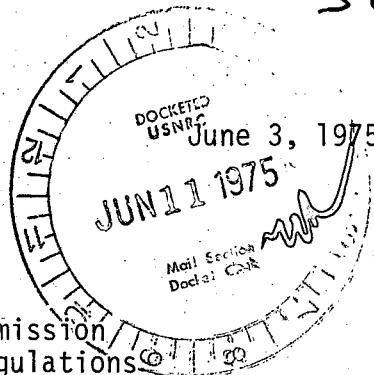
2101 Horn Rapids Road, Richland, Washington 99352

PHONE: (509) 946-9621

Regulatory

File 67

50-261



Mr. Don Bridges  
U. S. Nuclear Regulatory Commission  
Office of Nuclear Reactor Regulations  
Washington, D.C. 20555

Dear Don:

At the meeting the Staff held with Carolina Power & Light and Exxon Nuclear on March 11, 1975, we identified documentation regarding calculational codes used in the analyses for the H. B. Robinson 2 reload, which we would submit for Staff review. The purpose of this letter is to advise you of documentation already available and the current schedule for submitting new documentation. You itemized these codes in your summary of the meeting.

Neutronics

Documentation describing XTG and XPOSE were transmitted to you by letter dated May 21, 1975. PDQ-7 is an analysis code available from the Argonne Code Center. We are preparing a composite report, which describes the Exxon Nuclear methods for static neutronic analysis of PWR cores. This report will be submitted by June 15, 1975.

Fuel Design

STRESS-2 is used in the spacer design for PWR fuels. It is an open literature code available from the University Computer Corporation, Palo Alto, California. AXIBOW documentation is being completed and will be transmitted to you by June 10, 1975. COLLAPX and JREPP were referenced in the Exxon Nuclear fuel densification model and transmitted to you in support of your review and approval of this model.

Thermal Hydraulics

The thermal hydraulic code XCOBRA-IIIC was transmitted to the Staff in April as part of Exxon Nuclear's ECCS fuel heatup model. GAPEX was referenced in the ENC densification model and was transmitted to NRC in support of your review and approval of this model.

6201

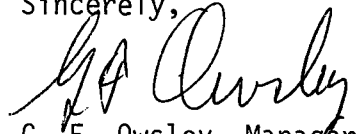
Mr. Donald Bridges  
Page Two

June 3, 1975

Plant Transient Model

The description of the plant transient analysis model, which Exxon Nuclear will use in calculating the abnormal transients, will be submitted about June 15, 1975.

Sincerely,



G. F. Owsley, Manager  
Reload Licensing

GF0:ln

Copy to:  
Mr. R. W. Klecker