

**TWX INCOMING**

Regulatory

File Cy.

TWX NO. 68

2\45 PM

5/18/72

*Both  
000*

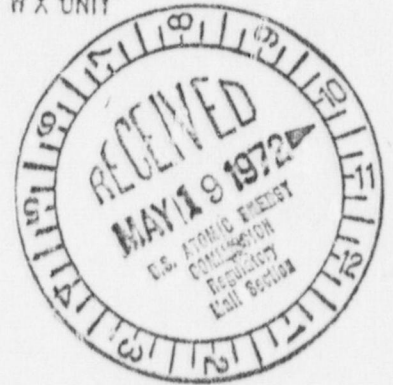
UNITED STATES ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C.

1972 MAY 18 PM 2 56

U.S. ATOMIC ENERGY COMM.  
TWX UNIT

ATTENTION\ DIVISION OF REACTOR LICENSING

REFERENCE\ LICENSE NO. DPR-3 \DOCKET 50-29\



DEAR SIR\

IN REPLY TO A TELEPHONE CONVERSATION TODAY BETWEEN YOUR MR. BURGER  
AND OUR MR. ANDOGNINI, RELATIVE TO PROPOSED CHANGE NO. 100, YANKEE  
ATOMIC ELECTRIC COMPANY OFFERS THE FOLLOWING INFORMATION\

1. SELECTED CONTROL ROD DROP TIME HISTORY.

THIS DOCUMENT CONTAINS  
POOR QUALITY PAGES

*Pg 1 of 3*

*2602*

8011170184

*P*

# DROP TIME SECONDS

## ROD NUMBERS

|                 | 8    | 10   | 13   | 22   | 24   |
|-----------------|------|------|------|------|------|
| CORE VI         | 1.50 | 1.69 | 1.44 | 1.94 | 1.54 |
| CORE VII        | 1.52 | 1.67 | 1.49 | 1.57 | 1.66 |
| CORE VIII       | 1.54 | 1.75 | 1.47 | 1.75 | 1.62 |
| CORE IX         | 1.66 | 1.56 | 1.59 | 1.90 | 1.59 |
| CORE X \FIRST\  | 1.94 | 1.62 | 1.99 | 2.09 | 2.30 |
| CORE X \SECOND\ | 1.97 | 1.64 | 1.91 | 2.07 | 2.18 |
| CORE X \THIRD\  | 1.84 | 1.65 | 1.97 | 2.03 | 2.22 |

## 2. SURVEILLANCE PROGRAM

THE PLANT SHALL BE TAKEN OFF THE LINE AND CONTROL ROD TIMES  
MEASURED FOR ALL CONTROL RODS AS FOLLOWS\

2 of 3

MAY 27-28, 1972

JUNE 10-11, 1972

JULY 1-2, 1972

JULY 29-30, 1972

AND EVERY FOURTH WEEKEND THEREAFTER.

IF THE MEASURED CONTROL ROD DROP TIME ON ANY CONTROL ROD INCREASES BY MORE THAN 0.3 SECONDS AS COMPARED TO THE HIGHEST OF THREE START OF CORE LIFE DROP TIMES OR IF THE CONTROL ROD DROP TIME EXCEEDS 2.4 SECONDS, THE U.S.A.E.C. SHALL BE NOTIFIED AND RESOLUTION OBTAINED BEFORE RESUMING PLANT OPERATION.

IF THE CONTROL ROD DROP TIMES DO NOT EXCEED THE CRITERIA ESTABLISHED ABOVE AFTER THE JULY 1-2, 1972 MEASUREMENTS, YANKEE ATOMIC ELECTRIC COMPANY SHALL CONDUCT A DETAILED REVIEW OF THE DATA AND PROPOSE TO THE U.S.A.E.C. A SURVEILLANCE PROGRAM FOR THE REMAINING PORTION OF CORE X. HOWEVER, UNTIL THE PROPOSED REVISED PROGRAM HAS OBTAINED U.S.A.E.C. APPROVAL, THE PLANT SHALL BE TAKEN OFF THE LINE EVERY FOURTH WEEKEND AND ALL CONTROL ROD DROP TIMES SHALL BE MEASURED.

RESPECTFULLY SUBMITTED,

D. E. VANDENBURGH

YANKEE ATOMIC ELECTRIC COMPANY

3314336 OK

RECD OK END EP

TWX INCOMING



OP 33  
2602



CONTROL NO: 2602

FROM: Yankee Atomic Elec. Co.  
Westborough, Mass. 01581  
D.E. VandenburgDATE OF DOC:  
5-18-72DATE REC'D  
5-18-72

LTR

MEMO

RPT

OTHER  
TWXTO:  
DRLCRIG  
1

CC

OTHER

SENT AEC PDR  
SENT LOCAL PDR

CLASS: 0 / PROP INFO

INPUT

NO CYS REC'D  
1DOCKET NO:  
50-29DESCRIPTION: TWX furnishing addl info  
to Proposed Change No. 100 for Yankee Atomic  
Electric Plant.....

ENCLOSURES:

DO NOT REMOVE

PLANT NAME:

FOR ACTION/INFORMATION DL 5-19-72

|               |                |                |              |           |
|---------------|----------------|----------------|--------------|-----------|
| BUTLER(DRL)   | DICKER(DREP)   | X SCHEMEL(DRL) | ZIEMANN(DRL) |           |
| W/ Copies     | W/ Copies      | W/9 Copies     | W/ Copies    | W/ Copies |
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| CLARK(DRL)    | KNIEL(DRL)     | STOLZ(DRL)     |              |           |
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| H. DENTON     | KNIGHTON(DREP) | VASSALLO(DRL)  |              |           |
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| 1 - ASLB(Yore/Woodard<br>"H" St)                     | 16 - Holding for ACRS                                | 1 - Chief Water Reactors |
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| 9 - National Laboratories                            | 1 - Consultant(Newmark/ Blum/ Agabian)               |                          |