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 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.

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AUTH. NAME                      AUTHOR AFFILIATION  
 PARKER, W.D.                  Duke Power Co.  
 RECIP. NAME                    RECIPIENT AFFILIATION  
 DENTON, H.R.                  Office of Nuclear Reactor Regulation  
 ROSS, D.F.                      TMI-2 Bulletins & Orders

SUBJECT: Supplements 790831 response to NRC 790821 ltr re resolution of long-term generic items. Describes changes to operator training programs. Provides schedule for submittal of repts re small break LOCA analysis.

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 TITLE: Babcock & Wilcox Generic (TMI Related)

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# DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

September 21, 1979

TELEPHONE: AREA 704  
373-4083

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

Attention: Mr. D. F. Ross, Director  
Bulletins and Orders Task Force

Re: Oconee Nuclear Station  
Docket Numbers 50-269, -270, -287

Dear Mr. Denton:

Please refer to my letter of August 31, 1979 which provided an initial response to the NRC letter dated August 21, 1979 concerning identification and resolution of long-term generics related to Commission Orders of May 1979.

As a result of the lessons learned to date from TMI-2 incident, the following changes have been made to operator training programs at Duke Power Company's Oconee Nuclear Station:

1. An additional week of simulator training has been added to RO license training for review of TMI related effects. This expands the simulator training phase to three weeks of which:
  - a. One week is an approved Startup Certification Program
  - b. One week is for TMI related casualties such as LOCA's and overcooling transients
  - c. One week to cover other plant casualty and transient responses
2. The TMI-2 incident is now an added lecture topic in the RO License Preparatory training.
3. A week of simulator training has been added to the SRO license preparatory training. This simulator training will be of a casualty analysis type to train the prospective candidate in problem analysis and resolution.

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4. An additional topic titled "Thermal Dynamics" will be added to the SRO License Preparatory training.
5. As additional information becomes available concerning lessons learned from TMI, the material is being added to the appropriate module of operator training (i.e. - Introduction to Systems training, RO License Prep., SRO License Prep. and/or Requalification Training).
6. Duke Power Company is currently procuring a replica simulator of Oconee Unit 1 to provide more extensive replacement training and a more intense and frequent simulator retraining program as a part of Requalification Training.

As a result of discussions with the NRC Staff and a review of internal schedules the following revised schedule dates are provided for the items requested in Attachment A to your letter. These dates represent the expected date on which Babcock and Wilcox, the Oconee NSSS vendor, will provide the item to Duke. Following internal review by Duke, the report will be submitted to the NRC within one week of the below listed dates.

#### Small Break LOCA Analysis

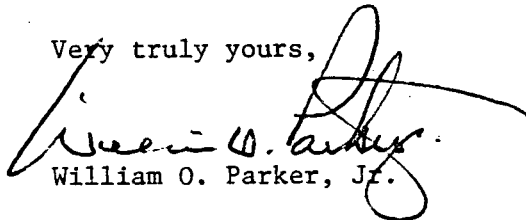
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|----------|--|
| Item 1.A | December 1, 1979   |
| 1.B      | September 28, 1979   |
| 2.A      | September 28, 1979   |
| 2.B      | 1. Qualitative description of system response to a small break which causes repressurization to PORV setpoint and PORV sticks open, October 15, 1979.                    |
|          | 2. Perform analysis and provide report on small break which repressurizes to PORV setpoint and PORV sticks open, February 1, 1980.                                       |
| 3.A      | September 28, 1979   |
| 3.B      | September 28, 1979   |
| 3.C      |  |
| 3.D      | 1. Provide actions recommended to TMI-2 Staff to be taken in the event of a significant accumulation of non-condensable gases in the primary system, September 28, 1979. |
|          | 2. Provide recommended modifications/additions to above (if any), October 15, 1979.  |
|          | 3. Provide composite document covering non-condensable gases, October 26, 1979.  |
| 4.       | Provide existing analysis of TMI-2 accident, September 28, 1979.   |

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5. October 1, 1979
6. Estimated January 15, 1980

With regard to Item 6, B&W will review with NRC calculation pre-test requirement for the LOFT small break test when available. The above estimated completion date may then be revised.

Very truly yours,



William O. Parker, Jr.

RLG:scs