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 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.  
 AUTH. NAME: PARKER, W.O. AUTHOR AFFILIATION: Duke Power Co.  
 RECIPIENT NAME: DENTON, H.R. RECIPIENT AFFILIATION: Office of Nuclear Reactor Regulation  
 REID, R.W. Operating Reactors Branch 4

DOCKET #  
05000269

SUBJECT: Notifies that facility was shutdown for refueling on 791121, in Cycle 5. Four Mark B4 assemblies will be used during Cycle 6 in place of four Mark B2 demonstration fuel assemblies. Plant startup testing methodology delayed until mid-Jan 1980

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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

December 31, 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. Robert W. Reid, Chief  
Operating Reactors Branch No. 4

Re: Oconee Nuclear Station  
Docket No. 50-269

Dear Sir:

Oconee Unit 1 was shutdown for refueling November 21, 1979 at 303.6 EFPD in Cycle 5. This cycle length is outside the  $320 \pm 10$  window assumed in the Cycle 6 licensing analysis. Additionally, four Mark BZ (zirconium grid) demonstration fuel assemblies originally intended for use in Cycle 6 will not be utilized this cycle. Four Mark B4 assemblies (3.0 w/o U-235 enrichment and 94% theoretical density) will be used as replacements. Subsequently, Cycle 6 was reanalyzed with these two changes (using 300 EFPD). The nuclear, thermal-hydraulic, mechanical and accident reanalyses have been completed and show that no changes in the Technical Specifications provided in my August 6, 1979 letter are necessary.

With regard to my letter of November 16, 1979, the Oconee Nuclear Station Start-Up Testing Methodology Report, which was to be submitted by January 1, 1980, will be delayed until mid-January. A draft will be discussed with the Staff reviewer(s) in the area in early January to avoid any delays in review. Personnel involved in this area were diverted to work on the Control Rod Guide Tube concerns addressed in my letter of December 28, 1979.

Very truly yours,

  
William O. Parker, Jr.

KRW:scs

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