



**GULF STATES UTILITIES COMPANY**

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August 13, 1985  
RBG- 21824  
File No. G9.5

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

Dear Mr. Denton:

River Bend Station-Unit 1  
Docket No. 50-458

Enclosed for your review is a revision to Gulf States Utilities Company's River Bend Station Final Safety Analysis Report (FSAR). This revision is provided to resolve a recently identified inconsistency and will be included in a future FSAR Amendment. No changes to the Technical Specifications will be required.

Sincerely,

*J. E. Booker*

J. E. Booker  
Manager-Engineering,  
Nuclear Fuels & Licensing  
River Bend Nuclear Group

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1. The structural welding code contains the requirement that undercut will not exceed 0.01-in deep when the direction is transverse to the primary tensile stress in the part that is undercut. This requirement is implemented for all structural applications when cyclic fatigue is considered a design parameter. Implementation of such criteria is made through notation of particular inspection criteria on approved fabrication and erection drawings. Unless so noted, all welding performed under the AWS Code is inspected for a maximum undercut of 1/32 in.

- 2 1/2. Low hydrogen electrodes may be stored at temperatures between 120°F and 350°F after being removed from sealed containers, or after drying.
- 2/3. Electrode ambient exposure time may be 5 hr for E70xx and 4 hr for E80xx.
- 3/4. In lieu of preproduction bend testing as described in AWS D1.1-75 (paragraph 4.29.2), threaded studs may be preproduction tested by torque testing using the provisions of AWS D1.1, paragraph 4.30.2.
- 4/5. As an option to preproduction testing of threaded studs as required in paragraph 4.29.2 of AWS D1.1-75, all production-threaded studs may be torque tested using the provisions of AWS D1.1-75, paragraph 4.30.2.
- 15 5/6. AWS D1.1-75, paragraph 4.28.11 calls for a 5/16-in. minimum fillet weld as an option to gun welding of studs. In lieu of this minimum weld size, the following criteria (taken from AWS D1.1-82, Table 7.5.5) will apply when shielded metal arc welding of studs is performed:

Stud Diameter (in.)	Minimum Fillet Size (in.)
1/4 through 7/16	3/16
1/2	1/4
5/8, 3/4, 7/8	5/16
1	3/8

The material installation and inspection of high strength bolts conform to the requirements of the Specification for Structural Joints using ASTM A325 or A490 Bolts.