



GULF STATES UTILITIES COMPANY

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October 15, 1984
RBG-19201
File Nos. G9.5, G9.33.4

Mr. D. G. Eisenhut
Division of Licensing
Office of Nuclear Reactor Regulations
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

River Bend Station Unit 1
Docket No. 50-458

On August 31, 1984, Gulf States Utilities Company (GSU) informed the Nuclear Regulatory Commission (NRC) that a copy of Generic Letter (GL) 84-11 had been obtained and that a response would be submitted by October 15, 1984. Attached are forty (40) copies of GSU's response to GL 84-11 (Inspections of BWR Stainless Steel Piping).

Should you have any questions concerning this response please feel free to contact us.

Sincerely,

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

JEB/^{BEH}NR/BEH/lp

Attachment

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Response to NRC Generic Letter 84-11

GL 84-11 requests that all applicants for an operating license furnish current plans relative to inspections for intergranular stress corrosion cracking (IGSCC) and interim leakage detection. Measures considered acceptable by the NRC deal with inspection of stainless steel welds susceptible to IGSCC in systems which operate over 200° F and are a part of or connected to the reactor coolant pressure boundary out to the second isolation valve. At River Bend Station (RBS), all ASME Code Class 1, 2 and 3 stainless steel piping that is in a line that operates over 200° F for more than 1% of plant life is fabricated of a low carbon type stainless steel. These types of stainless steel (304L, 316L or 316 Nuclear Grade) are resistant to IGSCC (Reference: U.S. NRC NUREG-0313, Rev. 1, July 1980). Therefore, the measures outlined in GL 84-11 are not applicable to RBS. However, in response to the NRC request an outline of current plans is presented below in the same format as that used in the Generic Letter.

(a) Scope and schedule of planned inspections

ASME Code Class 1, 2, and 3 reactor coolant pressure boundary piping at RBS meets the guidelines of Part III, Alternate 1 of NUREG-0313 Revision 1 on material selection, therefore, inservice inspections will be conducted as required in 10CFR50.55a(g). The preservice inspection shall include an examination for IGSCC for the reactor coolant system. All other system examinations are described in the preservice inspection plan to be submitted to the NRC.

(b) Availability and qualification of examiners

GSU has a contract with a services organization to perform examinations with certified examiners as required for the IGSCC examinations of the reactor coolant system. The procedure will be qualified as well as the examiners qualified to use the procedure.

(c) Description of any special surveillance measures, in effect or proposed, for primary system leak detection, beyond those measures already required by Technical Specifications.

As stated above, RBS stainless steel materials meet the guidelines of NUREG-0313 Revision 1, Part III, Alternate 1; therefore, no measures in addition to those outlined in our Technical Specifications are proposed.

(d) Results of Bulletin Inspections not previously submitted to the NRC.

No inspection has been completed to date but the report on all required examinations will be submitted to the NRC when the preservice inspection is complete per 10CFR50.

- (e) Remedial measures, if any, to be taken when cracks are discovered.

Changes in examination samples, methods and frequencies will be evaluated at the time cracks are discovered. These changes will be indicated in revisions to the inspection plan.

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

STATE OF TEXAS §
COUNTY OF JEFFERSON §
In the Matter of § Docket Nos. 50-458
GULF STATES UTILITIES COMPANY §
(River Bend Station,
Unit 1)

AFFIDAVIT

J. E. Booker, being duly sworn, states that he is Manager-Engineering Nuclear Fuels, and Licensing; that this position requires him to submit documents to the Nuclear Regulatory Commission in behalf of Gulf States Utilities; that the documents attached hereto are true and correct to the best of his knowledge, information and belief.

J. E. Booker
J. E. Booker

Subscribed and sworn to before me, a Notary Public in and for the State and County above named, this 15 day of OCTOBER, 1984.

Martha C. Hilborn
Notary Public in and for
Jefferson County, Texas

My Commission Expires:

1-11-86