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APR 21, 1982 : 40

JAMES P. McGAUGHY, JR.
ASSISTANT VICE PRESIDENT

Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W., Suite 3100
Atlanta, Georgia 30303

Attention: Mr. J. P. O'Reilly, Regional Administrator

Dear Mr. O'Reilly:

SUBJECT: Grand Gulf Nuclear Station
Units 1 and 2
Docket Nos. 50-416 and 50-417
File 0262/0472/L-860.0/L-401.0
IE Bulletin 81-01, Surveillance
of Mechanical Snubbers--
Inspection and Testing Report
References: AECM-81/166,
AECM-81/415
AECM-82/124

In AECM-81/415, dated October 27, 1981, we stated that we would send you a report documenting the results of the inspections, testing and evaluation of mechanical snubbers within 30 days of the completion of the inspections and testing. This schedule is consistent with the "Actions to be Taken by the Following Licensees Holding Construction Permits" in Revision 1 of IE Bulletin 81-01.

Our mechanical snubber inspections and tests were completed in early April. The following material summarizes our responses to actions required by Revision 1 to IE Bulletin 81-01:

1. After preoperational and/or hot functional testing and preceding fuel loading, visually examine and test the mechanical snubbers installed on safety-related systems as follows:
 - a. For all snubbers perform a visual examination for damage and verify that the snubbers have freedom of movement by performing a manual test over the range of the stroke in both compression and tension.

Response: All mechanical snubbers installed on safety-related systems were visually examined for damage and tested to assure freedom of movement. Freedom of movement was verified by performing a manual test of the full range of the stroke in both compression and tension.

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These inspections were performed after the preoperational and/or hot functional testing and preceding fuel load.

- b. For INC snubbers, perform an operability test to confirm that (1) activation (restraining action) occurs in both compression and tension and (2) the drag forces are within the specified range in both compression and tension. The tests shall be performed on a representative sample (10% of the total of this type of snubber in use in the plant or 35, whichever is less). For each snubber that does not meet the test acceptance criteria, an additional representative sample (as defined above) of this type of snubber shall be tested. For each of these additional snubbers that do not meet the test acceptance criteria, another representative sample of this type of snubber shall be tested. This cycle shall be repeated until no more failures have been found or until all snubbers of this type have been tested. The samples should be made up of snubbers that represent the various sizes.

Response: No INC snubbers have been purchased for the Grand Gulf Nuclear Station. All mechanical snubbers tested for this report were supplied by Pacific Scientific.

- c. If any failures are identified in Items a or b above, take corrective action prior to fuel loading.

Response: Recordable conditions, identified during the visual examination or the freedom of movement testing, are summarized in the first two pages of Attachment C and detailed in the body of Attachment C. Recordable conditions requiring corrective actions (as determined by the certified Level II inspectors using the criteria and references of Attachment A) are identified and corrected on Nonconformity Reports 46 through 49 and 51 through 53.

2. The schedule for the inspections and tests requested in Item 1 above, shall be submitted within 60 days of the issuance date of this bulletin. The results of the inspections, testing, and evaluation requested in Item 1 shall be reported to NRC within 30 days after the inspection and testing have been completed.

The reports shall contain the following:

- a. A description of the visual examinations and tests performed.

Response: The procedures used in performance of the visual examinations and tests performed for this report are included in Attachment A, Procedures for Preservice and Inservice VT-4 Visual Examination of Nuclear Components.

- b. Number of snubbers examined and tested. Grouping by manufacturer name, model number, and size is acceptable.

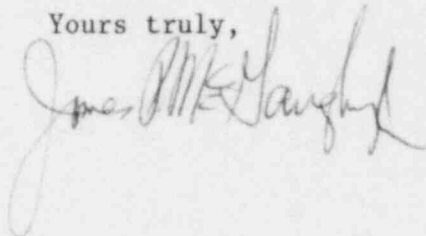
Response: The number of mechanical snubbers examined and tested for this report are listed by system and totaled on Attachment B.

- c. Number of failures identified; manufacturer name, model number, size, mode of failure, cause of failure, corrective action, and snubber location.

Response: The number and nature of failures identified are included in Attachment C along with corrective action dispositions. Attachment D is a complete listing of safety-related mechanical snubbers, their models, sizes, and locations within the plant.

This report represents a summation of the complete mechanical snubber report for IE Bulletin 81-01, Revision 1, and constitutes our final response to the subject Bulletin. The complete (4 volume) report is available for your review in our Preservice and Inservice Inspection files. Should you have any further questions regarding this matter, please advise.

Yours truly,



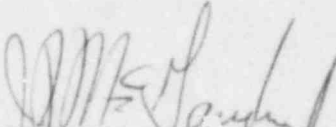
JPM:lm
Attachments

cc: Mr. N. L. Stampely (w/o)
Mr. G. B. Taylor (w/o)
Mr. R. B. McGehee (w/o)
Mr. T. B. Conner (w/o)

Mr. Richard C. DeYoung, Director (w/a)
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

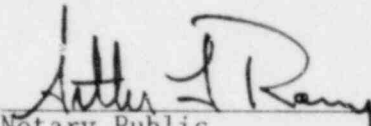
STATE OF MISSISSIPPI
COUNTY OF HINDS

Personally appeared before me, the undersigned authority in and for the jurisdiction aforesaid, J. P. McGaughy, Jr., Assistant Vice-President - Nuclear Production, who being by me first duly sworn, stated on oath that he signed the above and foregoing on the date and year therein mentioned, and that the information contained therein is true and correct to the best of his knowledge and belief.



J. P. McGaughy, Jr.

SWORN TO AND SUBSCRIBED before me, this the 21st day of
April 1982.



Notary Public

My Commission Expires:

FEBRUARY 13, 1985