

AUG 2 1988

MEMORANDUM FOR: J. Johnson, Chief, Reactor Projects Section 2C
THRU: P. K. Eapen, Chief, Special Test Programs, DRS
FROM: H. Gregg, Senior Reactor Engineer, DRS
SUBJECT: IST ALLEGATIONS NMP UNITS 1&2

A combined inspection (IR 50-220/88-23 and 50-410/88-22) that reviewed the licensee's IST implementation was performed June 13-17, 1988. One of the reasons for the inspection was to obtain information to enable a disposition of the subject allegations.

Both allegeders were interviewed, one onsite and one via telephone, and the issues they raised were discussed. Both were positive and optimistic about the licensee. Based on information obtained during the inspection and from discussions with the allegeders, the issues they raised were more representative of gripes and didn't involve plant safety, falsifications, or violations to commitments or code requirements.

The writers conclusions for each of the specific IST allegations are discussed in the enclosure. The inspection report will also provide a formal documentation basis for most of the IST allegation conclusions.

Harold Gregg, Senior Reactor Engineer
Special Test Programs, DRS

Enclosure: As stated

cc:
H. Gregg
P.K. Eapen
J. Durr

RI:DRS
Gregg
7/24/88

RI:DRS
Eapen
9/2/88

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the use of this instrument and reviewed vibration measurements taken since 1980 with this instrument. While there is no written procedure other than the instruction pamphlet, I&C at NMP has used it many years, IST and QA audit this function, and it is simple to use and within the skill capability of the operating personnel. This type instrument is used at many other plants and meets the ASME IST code instrument requirements.

5. Units 1&2 should have permanent blocks attached to pumps for vibration testing. Not substantiated

Permanent blocks would be an enhancement to the present method of performing vibration testing, however, it isn't a necessity and most sites do not have them. Both NMP-1 and NMP-2 intend to utilize them but it isn't their highest priority at present.

6. Unit 1 still measures displacement for vibration tests, while Unit 2 measures acceleration. Factual but not meaningful

The displacement measurement method is an ASME Section XI code accepted method to perform IST vibration measurements currently used at many plants. Unit 2 uses more sophisticated equipment (I&C at Unit 1 use the sophisticated equipment for troubleshooting) that measures velocity. It was noted that the NMP-2 measurement of vibration readings in velocity units was the subject of a relief request. It is the intent of both units to eventually be consistent in their IST implementation. However, the different era in which they were constructed is reason for the current differences in their vibration testing.