

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Forrest T. Rhodes
Vice President Engineering

March 4, 1993

ET 93-0029

U. S. Nuclear Regulatory Commission
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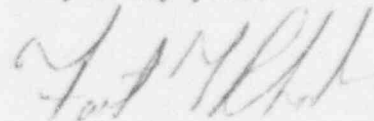
Subject: Docket No. 50-482: Response to NRC Bulletin No. 90-01,
Supplement 1: "Loss of Fill Oil in Transmitters
Manufactured by Rosemount"

Gentlemen:

This letter transmits Wolf Creek Nuclear Operating Corporation's (WCNOC) response to NRC Bulletin No. 90-01, Supplement 1: "Loss of Fill Oil in Transmitters Manufactured by Rosemount." This supplement updates information provided by the original Bulletin and requests that licensees review this information and if appropriate, modify their actions and enhanced surveillance programs.

If you have any questions concerning this matter, please contact me at (316) 364-8831, extension 4553 or Mr. Kevin J. Moles of my staff at extension 4565.

Very truly yours



Forrest T. Rhodes
Vice President Engineering

RCH/jad

Attachments:

cc: W. D. Johnson (NRC), w/a
J. L. Milhoan (NRC), w/a
G. A. Pick (NRC), w/a
W. D. Reckley (NRC), w/a

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Forrest T. Rhodes, of lawful age, being first duly sworn upon oath says that he is Vice President Engineering of Wolf Creek Nuclear Operating Corporation; that he has read the foregoing document and knows the content thereof; that he has executed that same for and on behalf of said Corporation with full power and authority to do so; and that the facts therein stated are true and correct to the best of his knowledge, information and belief.

By *Forrest T. Rhodes*
Forrest T. Rhodes
Vice President
Engineering

SUBSCRIBED and sworn to before me this 4 day of March, 1993.

Marlin Leachmar
Notary Public

Expiration Date 8-4-94



Response to NRC Bulletin No. 90-01, Supplement 1

Reporting Requirement 1:

Provide a statement whether the licensee will take the actions requested above.

Response:

Wolf Creek Nuclear Operating Corporation (WCNOC) has been meeting the Reporting Requirements requested per this Supplement on most installed transmitters. For transmitters not meeting the new requirements the surveillance monitoring will be increased to meet these requirements.

Reporting Requirement 2a:

Provide a list of specific actions that the licensee will complete to meet item 1 of Requested Actions for Operating Reactors provided in this supplement, including justifications as appropriate.

Response:

WCNOC has reviewed plant records and identified 135 Rosemount Model 1153 Series B and 1153 Series D transmitters manufactured before July 11, 1989 currently installed in plant systems. This total includes two non-safety related transmitters that were not identified in the NRC Bulletin 90-01 response. Wolf Creek Generating Station (WCGS) presently has no Model 1154 transmitters in use.

The 135 transmitters are currently used in the following manner:

- 16 High pressure (greater than 1500 psi)
- 21 Mid pressure (greater than 500 less than 1500 psi)
- 98 Low pressure (less than 500 psi)

The following actions are being taken for each classification of transmitter:

- High pressure (> 1500 psi) installed in RPS, ESFAS, or AMSAC system.

There are 12 such transmitters in use at WCGS. All mature high pressure transmitters are redundant 2 of 3 logic for their safety function. Surveillance procedure trending data has been gathered since initial plant startup (September, 1985). These transmitters will be trended using surveillance procedure calibration data at least once per refueling outage (not to exceed 24 months).

Non-mature transmitters used in these systems will be trended, at least monthly, by comparison of redundant computer points until mature. As these transmitters become mature and show no abnormal trending they will revert to the once per refueling schedule for surveillance procedure trending.

- High pressure (> 1500 psi) used in safety-related applications other than the RPS, ESFAS, or AMSAC systems.

There are 4 such transmitters in use at WCGS. The justification to extend the surveillance monitoring is described above, except that non-mature transmitters used in these systems will be trended at least quarterly until they become mature. If no abnormal trends are identified they will revert to the once per refueling outage schedule for surveillance procedure trending.

- Mid pressure (> 500 psi and < 1500 psi) installed in RPS, ESFAS, or AMSAC system or non-mature safety-related transmitters.

There are 5 such transmitters in use at WCGS. The non-mature transmitters in this category will be surveillance procedure trended at least once per refueling outage (not to exceed 24 months) until they become mature. As transmitters in this category mature WCNOC will maintain a high degree of confidence that failures will be detected by maintaining I&C Technician training and Operator awareness.

- Mid pressure (> 500 psi and < 1500 psi) installed in non-safety related systems or mature RPS, ESFAS, AMSAC system or safety-related transmitters.

There are 16 such transmitters in use at WCGS. WCNOC will maintain a high degree of confidence that failures of these transmitters will be detected by maintaining I&C Technician training and Operator awareness.

- Low pressure (< 500 psi).

There are 98 such transmitters in use at WCGS. WCNOC will maintain a high degree of confidence that failures of these transmitters will be detected by maintaining I&C Technician training and Operator awareness.

Reporting Requirement 2b:

Provide the schedule for completing licensee actions to meet item 1 of Requested Action provided in this supplement.

Response:

Actions to comply with this supplement have been implemented.

Reporting Requirement 2c:

Provide a statement confirming that items 1 and 2 of Requested Action for Operating Reactors provided in this supplement have been completed.

Response:

Actions to comply with this Supplement have been completed.

Reporting Requirement 3:

Provide a statement identifying those items requested by the NRC that the licensee is not taking and an evaluation which provides the bases for not taking the requested actions.

Response:

WCNOC is complying with all requested actions.