

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

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ET 98-0073

U. S. Nuclear Regulatory Commission  
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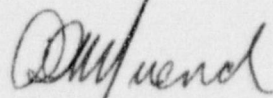
Subject: Docket No. 50-482: Special Report 98-002: Eighth Steam  
Generator Tube Inspection Results

Gentlemen:

The attached Special Report is submitted in accordance with Wolf Creek Generating Station Technical Specification 4.4.5.5.b. Special Report 98-002 provides the results of Wolf Creek Generating Station's eighth steam generator tube inservice inspection. Attachment I provides Special Report 98-002. Attachment II identifies commitments contained in this document.

If you have any questions concerning this matter, please contact me at (316) 364-8831 extension 4034, or Mr. Michael J. Angus, at extension 4077.

Very truly yours,



Richard A. Muench

RAM/rlr

Attachments

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**SPECIAL REPORT 98-002**  
**EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS**

This report is being submitted pursuant to Technical Specifications 4.4.5.5.b and 6.9.2 to report the results of the eighth steam generator tube inservice inspection.

The eighth steam generator tube inservice inspection was completed by Westinghouse Electric Corporation on November 6, 1997 during the ninth refueling outage. The following inspection programs were completed in steam generators "A" and "D": 100% bobbin coil, 55% Rotating Pancake Coil (RPC) top of the tubesheet, 50% RPC row 1 and 2 U-bends, and a special interest program. Mechanical plugging was necessary because of indications of anti-vibration bar wear found during the inservice inspection. Of the 5608 tubes inspected in Steam Generator "A", a total of five tubes were plugged due to new indications found during the inspection. Additionally, fourteen of the 5589 tubes inspected in Steam Generator "D" were plugged due to new indications. The inspection results, which include the location and percent of wall-thickness penetration for each indication of an imperfection, are listed in Section 3 of this report.

The results of the eighth steam generator tube inservice inspection have been classified into Category C-2. Category C-2 is defined in Technical Specification 3.4.5 as inspection results that indicate, "One or more tubes, but not more than 1 percent of the total tubes inspected are defective, or between 5 percent and 10 percent of the total tubes inspected are degraded tubes." Steam Generator "A" has 0.82 percent degraded tubes and 0.089 percent defective tubes. One tube is considered defective and has been plugged as a preventive measure based on wear rate calculations. Steam Generator "D" has 1.83 percent degraded tubes and 0.25 percent defective tubes.

1. Number and Extent of Tubes Inspected:

- A. Steam Generator "A": A total of 5608 tubes were inspected full length.
- B. Steam Generator "D": A total of 5589 tubes were inspected full length.

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2. Identification of Tubes Plugged:

|                           | Row | Column |
|---------------------------|-----|--------|
| A. Steam Generator "A":   |     |        |
| New pluggable indications | 45  | 39     |
|                           | 40  | 51     |
|                           | 37  | 73     |
|                           | 50  | 75*    |
|                           | 39  | 86     |

\*Tube (50,75) was plugged based on wear rate calculations as a preventive measure.

|                           | Row | Column |
|---------------------------|-----|--------|
| B. Steam Generator "D":   |     |        |
| New pluggable indications | 42  | 20     |
|                           | 44  | 21     |
|                           | 45  | 22     |
|                           | 41  | 23     |
|                           | 48  | 27     |
|                           | 41  | 29     |
|                           | 47  | 29     |
|                           | 45  | 53     |
|                           | 44  | 55     |
|                           | 47  | 58     |
|                           | 48  | 71     |
|                           | 44  | 72     |
|                           | 40  | 105    |
|                           | 35  | 109    |

3. Location and Percent of Wall Thickness Penetration for Each Indication of an Imperfection (Note: Multiple listings of the same tube are the result of more than one indication in that tube):

|                                |  | <b>Key for Indication Lists</b>   |
|--------------------------------|--|---|
| #H, #C                         |  | (# = number) of Support Plate(s)<br>Hot Leg or Cold Leg Side                                  |
| AV#                            |  | Anti-Vibration Bar (# = number)   |
| TSH                            |  | Tube Sheet Hot Leg  |
| TSC                            |  | Tube Sheet Cold Leg   |
| FBH                            |  | Flow Baffle Hot Leg   |
| FBC                            |  | Flow Baffle Cold Leg  |
| P                              |  | Tube Plugged, following % of Wall<br>Thickness Loss   |
| Indication                     |  | % of Wall Thickness Loss  |
| Inch (+,-)<br>from<br>Location |  | Distance Measured from Reference<br>Point (AV Bar, Baffle Plate, Tube<br>Support Plate, etc.) |

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Tube Indications In Steam Generator "A"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 40         | 20            | AV5                 | 17  | .00                               |
| 39         | 25            | AV2                 | 15  | .00                               |
| 45         | 25            | AV4                 | 17  | .00                               |
| 45         | 25            | AV5                 | 31  | .00                               |
| 48         | 27            | AV4                 | 14  | .00                               |
| 48         | 27            | AV5                 | 13  | .00                               |
| 38         | 29            | AV2                 | 14  | .00                               |
| 38         | 29            | AV3                 | 12  | .00                               |
| 45         | 30            | AV2                 | 13  | .00                               |
| 45         | 30            | AV3                 | 17  | .00                               |
| 45         | 30            | AV5                 | 12  | .00                               |
| 51         | 30            | AV5                 | 15  | .00                               |
| 45         | 32            | AV3                 | 21  | .00                               |
| 45         | 32            | AV4                 | 34  | .00                               |
| 45         | 32            | AV5                 | 24  | .00                               |
| 47         | 32            | AV3                 | 19  | .00                               |
| 47         | 32            | AV4                 | 15  | .00                               |
| 53         | 33            | AV2                 | 12  | .00                               |
| 53         | 33            | AV3                 | 16  | .00                               |
| 53         | 33            | AV4                 | 12  | .00                               |
| 53         | 33            | AV5                 | 13  | .00                               |
| 48         | 35            | AV5                 | 15  | .00                               |
| 33         | 36            | AV2                 | 15  | .00                               |
| 45         | 37            | AV2                 | 17  | .00                               |
| 45         | 37            | AV3                 | 21  | .00                               |
| 45         | 37            | AV4                 | 13  | .00                               |
| 30         | 38            | AV5                 | 13  | .00                               |
| 43         | 38            | AV2                 | 17  | .00                               |
| 43         | 38            | AV3                 | 35  | .00                               |
| 39         | 39            | AV5                 | 12  | .00                               |
| 44         | 39            | AV3                 | 17  | .00                               |
| 44         | 39            | AV4                 | 29  | .00                               |
| 44         | 39            | AV5                 | 23  | .00                               |
| 45         | 39            | AV2                 | 21  | .00                               |
| 45         | 39            | AV3                 | 42P   | .00                               |
| 45         | 39            | AV4                 | 39  | .00                               |
| 38         | 40            | AV3                 | 15  | .00                               |
| 46         | 40            | AV2                 | 15  | .00                               |
| 46         | 40            | AV4                 | 10  | .00                               |
| 46         | 40            | AV5                 | 17  | .00                               |
| 27         | 41            | AV2                 | 18  | .00                               |
| 27         | 41            | AV5                 | 18  | .03                               |
| 28         | 41            | AV5                 | 12  | .00                               |
| 38         | 41            | AV3                 | 21  | .00                               |
| 38         | 41            | AV4                 | 21  | .00                               |
| 40         | 41            | AV3                 | 18  | .00                               |
| 45         | 41            | AV3                 | 31  | .00                               |
| 45         | 41            | AV4                 | 30  | .00                               |
| 45         | 41            | AV5                 | 18  | .00                               |
| 45         | 41            | AV6                 | 20  | .00                               |

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Tube Indications In Steam Generator "A"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 27         | 42            | AV5                 | 14  | .00                               |
| 36         | 42            | AV2                 | 12  | .00                               |
| 40         | 42            | AV3                 | 13  | .00                               |
| 40         | 42            | AV4                 | 20  | .00                               |
| 36         | 43            | AV2                 | 19  | .00                               |
| 41         | 43            | AV4                 | 16  | .00                               |
| 40         | 44            | AV3                 | 24  | .00                               |
| 40         | 44            | AV4                 | 29  | .00                               |
| 40         | 44            | AV5                 | 17  | .00                               |
| 41         | 44            | AV3                 | 14  | .00                               |
| 41         | 44            | AV4                 | 18  | .00                               |
| 44         | 44            | AV2                 | 30  | .00                               |
| 44         | 44            | AV3                 | 25  | .00                               |
| 44         | 44            | AV4                 | 25  | .00                               |
| 44         | 44            | AV5                 | 25  | .00                               |
| 44         | 44            | AV6                 | 23  | .00                               |
| 28         | 45            | AV5                 | 21  | .00                               |
| 35         | 45            | AV1                 | 16  | -.24                              |
| 35         | 45            | AV2                 | 17  | .00                               |
| 36         | 45            | AV2                 | 17  | .00                               |
| 36         | 45            | AV3                 | 13  | .00                               |
| 36         | 45            | AV5                 | 24  | .00                               |
| 36         | 45            | AV6                 | 19  | .00                               |
| 39         | 45            | AV4                 | 19  | .03                               |
| 44         | 45            | AV3                 | 17  | .00                               |
| 44         | 45            | AV5                 | 14  | .00                               |
| 38         | 46            | AV1                 | 14  | .00                               |
| 38         | 46            | AV2                 | 15  | .00                               |
| 38         | 46            | AV4                 | 26  | .00                               |
| 39         | 46            | AV2                 | 17  | .00                               |
| 40         | 46            | AV2                 | 12  | .00                               |
| 40         | 46            | AV3                 | 19  | .00                               |
| 40         | 46            | AV5                 | 22  | .00                               |
| 43         | 46            | AV4                 | 20  | .00                               |
| 43         | 46            | AV5                 | 12  | .00                               |
| 44         | 46            | AV3                 | 13  | .00                               |
| 44         | 46            | AV4                 | 10  | .00                               |
| 44         | 46            | AV5                 | 13  | .00                               |
| 34         | 47            | AV2                 | 21  | .00                               |
| 34         | 47            | AV5                 | 19  | .00                               |
| 37         | 47            | AV4                 | 19  | .00                               |
| 40         | 47            | AV3                 | 18  | -.21                              |
| 40         | 47            | AV5                 | 18  | .00                               |
| 38         | 48            | AV2                 | 22  | .00                               |
| 38         | 48            | AV3                 | 22  | .00                               |
| 22         | 49            | AV2                 | 14  | .00                               |
| 30         | 49            | AV1                 | 15  | -.03                              |
| 30         | 49            | AV2                 | 30  | .00                               |
| 30         | 49            | AV5                 | 32  | -.15                              |
| 36         | 49            | AV2                 | 18  | .00                               |

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Tube Indications In Steam Generator "A"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 40         | 49            | AV2                 | 10  | .06                               |
| 40         | 49            | AV3                 | 22  | -.12                              |
| 36         | 50            | AV2                 | 19  | .00                               |
| 36         | 50            | AV4                 | 18  | .00                               |
| 36         | 50            | AV5                 | 15  | .00                               |
| 39         | 50            | AV4                 | 19  | .00                               |
| 40         | 51            | AV1                 | 20  | .00                               |
| 40         | 51            | AV2                 | 32  | .00                               |
| 40         | 51            | AV3                 | 45P   | .00                               |
| 38         | 52            | AV3                 | 13  | .00                               |
| 38         | 52            | AV4                 | 13  | .00                               |
| 38         | 52            | AV5                 | 19  | .00                               |
| 40         | 52            | AV2                 | 22  | .00                               |
| 40         | 52            | AV3                 | 18  | .00                               |
| 40         | 52            | AV4                 | 14  | .00                               |
| 40         | 52            | AV5                 | 25  | .00                               |
| 42         | 53            | AV2                 | 12  | .00                               |
| 49         | 53            | AV5                 | 17  | .00                               |
| 18         | 55            | AV1                 | 15  | .00                               |
| 44         | 56            | AV2                 | 18  | .00                               |
| 44         | 56            | AV3                 | 23  | .00                               |
| 44         | 56            | AV4                 | 16  | .00                               |
| 31         | 58            | AV2                 | 11  | .00                               |
| 40         | 58            | AV3                 | 26  | .00                               |
| 40         | 58            | AV5                 | 24  | .00                               |
| 41         | 58            | AV2                 | 18  | .00                               |
| 41         | 58            | AV3                 | 13  | .00                               |
| 43         | 58            | AV2                 | 23  | .00                               |
| 41         | 59            | AV2                 | 19  | .12                               |
| 41         | 59            | AV3                 | 21  | .03                               |
| 51         | 59            | AV1                 | 20  | .00                               |
| 51         | 59            | AV2                 | 29  | .00                               |
| 51         | 59            | AV3                 | 31  | .00                               |
| 51         | 59            | AV4                 | 33  | .00                               |
| 51         | 59            | AV5                 | 31  | .00                               |
| 51         | 59            | AV6                 | 15  | .00                               |
| 40         | 60            | AV3                 | 20  | .00                               |
| 44         | 60            | AV3                 | 19  | .00                               |
| 44         | 60            | AV4                 | 18  | .00                               |
| 34         | 61            | AV4                 | 25  | .00                               |
| 49         | 68            | AV2                 | 19  | .00                               |
| 49         | 68            | AV3                 | 15  | .00                               |
| 40         | 69            | AV3                 | 14  | .00                               |
| 40         | 70            | AV3                 | 28  | .00                               |
| 40         | 70            | AV4                 | 22  | .00                               |
| 40         | 70            | AV5                 | 12  | .00                               |
| 37         | 73            | AV2                 | 24  | .12                               |
| 37         | 73            | AV3                 | 44P   | .00                               |
| 37         | 73            | AV4                 | 26  | -.24                              |
| 37         | 74            | AV3                 | 29  | .00                               |

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Tube Indications In Steam Generator "A"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 37         | 74            | AV4                 | 29  | .00                               |
| 37         | 74            | AV5                 | 28  | .00                               |
| 40         | 75            | AV1                 | 23  | .03                               |
| 40         | 75            | AV2                 | 10  | .00                               |
| 40         | 75            | AV3                 | 12  | .09                               |
| 40         | 75            | AV4                 | 14  | -.24                              |
| 40         | 75            | AV5                 | 15  | .00                               |
| 41         | 75            | AV2                 | 15  | -.15                              |
| 41         | 75            | AV3                 | 19  | .00                               |
| 41         | 75            | AV4                 | 13  | -.21                              |
| 41         | 75            | AV5                 | 27  | .09                               |
| 41         | 75            | AV6                 | 11  | .00                               |
| 42         | 75            | AV1                 | 19  | .00                               |
| 50         | 75            | AV2                 | 16  | .12                               |
| 50         | 75            | AV3                 | 38P   | .00                               |
| 50         | 75            | AV4                 | 32  | .00                               |
| 50         | 75            | AV5                 | 28  | .00                               |
| 39         | 76            | AV2                 | 23  | .00                               |
| 50         | 76            | AV2                 | 24  | .00                               |
| 50         | 76            | AV3                 | 22  | .00                               |
| 50         | 76            | AV4                 | 29  | .00                               |
| 50         | 76            | AV5                 | 16  | .00                               |
| 44         | 77            | AV4                 | 15  | -.15                              |
| 34         | 78            | AV5                 | 19  | .00                               |
| 39         | 79            | AV4                 | 21  | .00                               |
| 39         | 79            | AV3                 | 18  | .00                               |
| 39         | 79            | AV4                 | 26  | .00                               |
| 34         | 80            | AV2                 | 19  | .00                               |
| 39         | 80            | AV2                 | 24  | .00                               |
| 39         | 80            | AV3                 | 27  | .00                               |
| 39         | 80            | AV4                 | 26  | .00                               |
| 39         | 80            | AV5                 | 20  | .00                               |
| 39         | 80            | AV6                 | 34  | .00                               |
| 40         | 80            | AV2                 | 17  | .00                               |
| 46         | 83            | AV2                 | 13  | .00                               |
| 39         | 84            | AV2                 | 31  | .00                               |
| 39         | 84            | AV3                 | 32  | .00                               |
| 39         | 84            | AV4                 | 23  | .00                               |
| 39         | 84            | AV5                 | 21  | .00                               |
| 39         | 84            | AV6                 | 16  | .00                               |
| 39         | 85            | AV3                 | 29  | .00                               |
| 39         | 85            | AV4                 | 34  | .00                               |
| 39         | 85            | AV5                 | 20  | .00                               |
| 39         | 85            | AV6                 | 18  | .00                               |
| 31         | 86            | AV5                 | 21  | .00                               |
| 39         | 86            | AV1                 | 23  | .00                               |
| 39         | 86            | AV2                 | 21  | .00                               |
| 39         | 86            | AV3                 | 32  | .00                               |
| 39         | 86            | AV4                 | 41P   | .00                               |
| 39         | 86            | AV5                 | 22  | .00                               |

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Tube Indications In Steam Generator "A"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 39         | 87            | AV2                 | 13  | .00                               |
| 39         | 87            | AV4                 | 25  | .00                               |
| 30         | 88            | AV2                 | 16  | .00                               |
| 30         | 88            | AV5                 | 13  | .00                               |
| 44         | 89            | AV3                 | 16  | .00                               |
| 44         | 89            | AV4                 | 12  | .00                               |
| 44         | 89            | AV5                 | 14  | .00                               |
| 44         | 89            | AV6                 | 11  | .00                               |
| 53         | 89            | AV3                 | 14  | .00                               |
| 50         | 90            | AV5                 | 24  | .00                               |
| 35         | 91            | AV4                 | 21  | .00                               |
| 36         | 91            | AV2                 | 21  | -.06                              |
| 36         | 91            | AV4                 | 24  | .00                               |
| 36         | 91            | AV5                 | 14  | .00                               |
| 35         | 92            | AV3                 | 12  | .00                               |
| 39         | 93            | AV3                 | 17  | .00                               |
| 38         | 95            | AV5                 | 20  | .32                               |
| 39         | 95            | AV3                 | 20  | .19                               |
| 39         | 95            | AV4                 | 23  | .44                               |
| 39         | 95            | AV5                 | 15  | .00                               |
| 39         | 96            | AV4                 | 19  | .00                               |
| 27         | 97            | AV1                 | 10  | .00                               |
| 27         | 97            | AV2                 | 15  | .00                               |
| 38         | 98            | AV3                 | 21  | .09                               |
| 38         | 98            | AV4                 | 25  | .00                               |
| 38         | 99            | AV4                 | 24  | .00                               |
| 37         | 100           | AV4                 | 19  | .00                               |
| 43         | 103           | AV3                 | 18  | .00                               |
| 36         | 110           | AV4                 | 17  | .00                               |
| 36         | 110           | AV5                 | 16  | .00                               |



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Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 27         | 8             | AV1                 | 11  | .00                               |
| 27         | 8             | AV6                 | 16  | .00                               |
| 29         | 10            | AV1                 | 11  | .00                               |
| 29         | 10            | AV2                 | 12  | .00                               |
| 29         | 10            | AV5                 | 26  | .00                               |
| 30         | 10            | AV2                 | 14  | .00                               |
| 30         | 10            | AV5                 | 26  | .00                               |
| 32         | 11            | AV6                 | 10  | .00                               |
| 33         | 11            | AV2                 | 22  | .00                               |
| 33         | 11            | AV5                 | 17  | .00                               |
| 32         | 12            | AV5                 | 14  | .00                               |
| 32         | 12            | AV6                 | 9   | .00                               |
| 33         | 12            | AV2                 | 20  | .00                               |
| 33         | 12            | AV4                 | 15  | .00                               |
| 33         | 12            | AV5                 | 28  | .00                               |
| 33         | 13            | AV4                 | 20  | .00                               |
| 33         | 13            | AV5                 | 22  | .00                               |
| 33         | 13            | AV6                 | 39  | .00                               |
| 34         | 13            | AV3                 | 12  | .00                               |
| 32         | 14            | AV4                 | 11  | .00                               |
| 32         | 14            | AV5                 | 10  | .00                               |
| 33         | 14            | AV3                 | 16  | .00                               |
| 33         | 14            | AV4                 | 20  | .00                               |
| 33         | 15            | AV4                 | 22  | .00                               |
| 36         | 15            | AV5                 | 15  | .00                               |
| 36         | 16            | AV4                 | 22  | .00                               |
| 36         | 16            | AV5                 | 8   | .00                               |
| 37         | 16            | AV4                 | 20  | .00                               |
| 37         | 16            | AV5                 | 14  | .00                               |
| 35         | 17            | AV3                 | 19  | .00                               |
| 37         | 17            | AV4                 | 19  | .00                               |
| 37         | 17            | AV5                 | 20  | .00                               |
| 39         | 17            | AV2                 | 32  | .00                               |
| 39         | 17            | AV3                 | 37  | .00                               |
| 39         | 17            | AV4                 | 33  | .00                               |
| 39         | 17            | AV5                 | 30  | .00                               |
| 37         | 18            | AV4                 | 18  | .00                               |
| 38         | 18            | AV4                 | 10  | .00                               |
| 39         | 18            | AV2                 | 17  | .00                               |
| 39         | 18            | AV3                 | 18  | .00                               |
| 39         | 18            | AV2                 | 15  | .00                               |
| 39         | 18            | AV3                 | 19  | .00                               |
| 33         | 19            | AV3                 | 17  | .00                               |
| 38         | 19            | AV3                 | 17  | .00                               |
| 39         | 19            | AV2                 | 28  | .00                               |
| 39         | 19            | AV3                 | 22  | .00                               |
| 39         | 19            | AV5                 | 18  | .00                               |
| 39         | 19            | AV6                 | 17  | .00                               |
| 41         | 19            | AV2                 | 31  | .00                               |
| 41         | 19            | AV3                 | 28  | .00                               |

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EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS

Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 41         | 19            | AV4                 | 20  | .00                               |
| 41         | 19            | AV5                 | 25  | .00                               |
| 41         | 19            | AV6                 | 15  | .00                               |
| 39         | 20            | AV3                 | 21  | .00                               |
| 41         | 20            | AV3                 | 20  | .00                               |
| 41         | 20            | AV4                 | 28  | .00                               |
| 41         | 20            | AV5                 | 34  | .00                               |
| 41         | 20            | AV6                 | 20  | .00                               |
| 42         | 20            | AV3                 | 51P   | .00                               |
| 42         | 20            | AV4                 | 15  | .00                               |
| 42         | 20            | AV5                 | 15  | .00                               |
| 42         | 20            | AV6                 | 39  | .00                               |
| 38         | 21            | AV2                 | 17  | .00                               |
| 38         | 21            | AV3                 | 13  | .00                               |
| 42         | 21            | AV2                 | 20  | .00                               |
| 42         | 21            | AV3                 | 29  | .00                               |
| 42         | 21            | AV4                 | 13  | .00                               |
| 42         | 21            | AV5                 | 39  | .00                               |
| 42         | 21            | AV6                 | 30  | .00                               |
| 44         | 21            | AV1                 | 15  | .00                               |
| 44         | 21            | AV3                 | 37  | .00                               |
| 44         | 21            | AV4                 | 10  | .00                               |
| 44         | 21            | AV5                 | 45P   | .00                               |
| 44         | 21            | AV6                 | 28  | .00                               |
| 38         | 22            | AV3                 | 13  | .00                               |
| 45         | 22            | AV2                 | 12  | .00                               |
| 45         | 22            | AV3                 | 38  | .00                               |
| 45         | 22            | AV4                 | 11  | .00                               |
| 45         | 22            | AV5                 | 55P   | .00                               |
| 45         | 22            | AV6                 | 22  | .00                               |
| 41         | 23            | AV4                 | 17  | .00                               |
| 41         | 23            | AV5                 | 41P   | .00                               |
| 43         | 23            | AV2                 | 16  | .00                               |
| 43         | 23            | AV4                 | 25  | .00                               |
| 43         | 23            | AV5                 | 20  | .00                               |
| 43         | 23            | AV6                 | 26  | .00                               |
| 44         | 23            | AV3                 | 29  | .00                               |
| 44         | 23            | AV4                 | 26  | .00                               |
| 44         | 23            | AV5                 | 15  | .00                               |
| 39         | 24            | AV4                 | 20  | .00                               |
| 44         | 24            | AV4                 | 39  | .00                               |
| 44         | 24            | AV5                 | 36  | .00                               |
| 46         | 24            | AV5                 | 37  | .00                               |
| 44         | 25            | AV3                 | 11  | .00                               |
| 44         | 25            | AV4                 | 11  | .00                               |
| 44         | 25            | AV5                 | 12  | .00                               |
| 45         | 25            | AV5                 | 20  | .00                               |
| 46         | 25            | AV1                 | 12  | .00                               |
| 46         | 25            | AV3                 | 20  | .00                               |
| 46         | 25            | AV4                 | 12  | .00                               |

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Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wail Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 46         | 25            | AV5                 | 10  | .00                               |
| 44         | 26            | AV4                 | 27  | .00                               |
| 44         | 26            | AV5                 | 12  | .00                               |
| 48         | 26            | AV4                 | 10  | .00                               |
| 43         | 27            | AV2                 | 17  | .00                               |
| 43         | 27            | AV3                 | 23  | .00                               |
| 46         | 27            | AV2                 | 17  | .00                               |
| 46         | 27            | AV3                 | 24  | .00                               |
| 46         | 27            | AV4                 | 36  | .00                               |
| 46         | 27            | AV5                 | 29  | .00                               |
| 46         | 27            | AV6                 | 18  | .00                               |
| 48         | 27            | AV2                 | 30  | .00                               |
| 48         | 27            | AV3                 | 37  | .00                               |
| 48         | 27            | AV4                 | 57P   | .00                               |
| 48         | 27            | AV5                 | 18  | .00                               |
| 48         | 27            | AV6                 | 31  | .00                               |
| 49         | 27            | AV4                 | 17  | .00                               |
| 45         | 28            | AV3                 | 18  | .00                               |
| 45         | 28            | AV5                 | 24  | .00                               |
| 49         | 28            | AV5                 | 31  | .00                               |
| 49         | 28            | AV6                 | 31  | .00                               |
| 41         | 29            | AV3                 | 23  | .00                               |
| 41         | 29            | AV4                 | 40P   | .00                               |
| 47         | 29            | AV2                 | 16  | .00                               |
| 47         | 29            | AV3                 | 22  | .00                               |
| 47         | 29            | AV4                 | 46P   | .00                               |
| 47         | 29            | AV5                 | 19  | .17                               |
| 47         | 29            | AV6                 | 18  | .00                               |
| 49         | 30            | AV2                 | 21  | .00                               |
| 49         | 30            | AV3                 | 18  | .00                               |
| 50         | 30            | AV6                 | 11  | .00                               |
| 51         | 30            | AV3                 | 25  | .00                               |
| 51         | 30            | AV4                 | 23  | .00                               |
| 51         | 30            | AV5                 | 22  | .00                               |
| 51         | 30            | AV6                 | 26  | .00                               |
| 46         | 31            | AV4                 | 13  | .00                               |
| 47         | 32            | AV4                 | 22  | .00                               |
| 47         | 32            | AV5                 | 21  | .00                               |
| 49         | 32            | AV3                 | 18  | .00                               |
| 37         | 33            | AV3                 | 26  | .00                               |
| 47         | 33            | AV5                 | 19  | .00                               |
| 33         | 34            | AV5                 | 16  | .00                               |
| 35         | 34            | AV3                 | 19  | .00                               |
| 39         | 37            | AV2                 | 18  | .00                               |
| 39         | 37            | AV3                 | 20  | .00                               |
| 39         | 37            | AV4                 | 22  | .00                               |
| 46         | 37            | AV2                 | 19  | .00                               |
| 46         | 37            | AV3                 | 27  | .00                               |
| 46         | 37            | AV4                 | 32  | .00                               |
| 46         | 37            | AV5                 | 28  | .00                               |

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EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS

Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 47         | 39            | AV2                 | 15  | .00                               |
| 47         | 39            | AV4                 | 21  | .00                               |
| 38         | 40            | AV2                 | 21  | .00                               |
| 38         | 40            | AV4                 | 11  | .00                               |
| 42         | 41            | AV2                 | 12  | .00                               |
| 42         | 41            | AV3                 | 28  | .00                               |
| 42         | 41            | AV4                 | 19  | .00                               |
| 42         | 41            | AV5                 | 12  | .00                               |
| 42         | 41            | AV6                 | 15  | .00                               |
| 51         | 41            | AV1                 | 15  | .00                               |
| 51         | 41            | AV2                 | 14  | .00                               |
| 37         | 42            | AV4                 | 21  | .00                               |
| 39         | 43            | AV2                 | 13  | .00                               |
| 39         | 43            | AV4                 | 21  | .00                               |
| 41         | 43            | AV2                 | 28  | .00                               |
| 41         | 43            | AV4                 | 11  | .00                               |
| 45         | 43            | AV3                 | 16  | .00                               |
| 45         | 43            | AV4                 | 21  | .00                               |
| 45         | 43            | AV5                 | 12  | .00                               |
| 42         | 44            | AV4                 | 12  | .00                               |
| 42         | 44            | AV5                 | 13  | .00                               |
| 37         | 45            | AV2                 | 22  | .00                               |
| 44         | 46            | AV2                 | 10  | .00                               |
| 44         | 46            | AV5                 | 14  | .00                               |
| 45         | 46            | AV6                 | 18  | .00                               |
| 44         | 47            | AV3                 | 19  | .00                               |
| 44         | 47            | AV4                 | 23  | .00                               |
| 50         | 47            | AV4                 | 18  | .00                               |
| 50         | 47            | AV5                 | 16  | .11                               |
| 50         | 47            | AV6                 | 14  | .00                               |
| 50         | 49            | AV2                 | 12  | .00                               |
| 50         | 49            | AV3                 | 15  | .00                               |
| 40         | 50            | AV3                 | 12  | .00                               |
| 40         | 50            | AV4                 | 13  | .00                               |
| 40         | 50            | AV5                 | 13  | .00                               |
| 48         | 50            | AV3                 | 35  | .00                               |
| 48         | 50            | AV4                 | 28  | .00                               |
| 48         | 50            | AV5                 | 30  | .00                               |
| 50         | 52            | AV2                 | 34  | .00                               |
| 50         | 52            | AV3                 | 25  | .00                               |
| 50         | 52            | AV4                 | 39  | .00                               |
| 50         | 52            | AV5                 | 36  | .00                               |
| 36         | 53            | AV2                 | 14  | .00                               |
| 37         | 53            | AV5                 | 13  | -.06                              |
| 45         | 53            | AV2                 | 27  | .00                               |
| 45         | 53            | AV3                 | 36  | .00                               |
| 45         | 53            | AV4                 | 46  | .00                               |
| 45         | 53            | AV5                 | 49P   | .00                               |
| 45         | 53            | AV6                 | 43  | .00                               |
| 35         | 54            | AV4                 | 13  | .20                               |
| 35         | 54            | AV5                 | 16  | .23                               |

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Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 45         | 54            | AV3                 | 18  | .00                               |
| 39         | 55            | AV4                 | 15  | .00                               |
| 41         | 55            | AV3                 | 13  | .00                               |
| 44         | 55            | AV1                 | 13  | .00                               |
| 44         | 55            | AV2                 | 13  | .00                               |
| 44         | 55            | AV3                 | 42P   | .00                               |
| 44         | 55            | AV4                 | 20  | .00                               |
| 44         | 55            | AV5                 | 32  | .00                               |
| 45         | 55            | AV2                 | 22  | .00                               |
| 45         | 55            | AV3                 | 19  | .00                               |
| 45         | 55            | AV4                 | 24  | .00                               |
| 45         | 55            | AV6                 | 15  | .00                               |
| 45         | 56            | AV2                 | 21  | .00                               |
| 45         | 56            | AV3                 | 25  | .00                               |
| 45         | 56            | AV4                 | 28  | .00                               |
| 50         | 56            | AV3                 | 29  | .00                               |
| 50         | 56            | AV4                 | 23  | .06                               |
| 50         | 56            | AV5                 | 19  | .00                               |
| 48         | 57            | AV4                 | 17  | .00                               |
| 35         | 58            | AV2                 | 13  | .29                               |
| 44         | 58            | AV3                 | 25  | .00                               |
| 47         | 58            | AV1                 | 23  | .00                               |
| 47         | 58            | AV2                 | 31  | .00                               |
| 47         | 58            | AV3                 | 34  | .00                               |
| 47         | 58            | AV4                 | 34  | .00                               |
| 47         | 58            | AV5                 | 46P   | .00                               |
| 45         | 59            | AV2                 | 21  | .00                               |
| 45         | 59            | AV4                 | 26  | .00                               |
| 45         | 59            | AV5                 | 17  | .00                               |
| 45         | 59            | AV6                 | 17  | .00                               |
| 50         | 59            | AV5                 | 17  | .00                               |
| 50         | 59            | AV6                 | 21  | .00                               |
| 35         | 60            | AV5                 | 22  | .00                               |
| 48         | 60            | AV3                 | 29  | .00                               |
| 48         | 60            | AV4                 | 35  | .00                               |
| 35         | 61            | AV3                 | 14  | .00                               |
| 49         | 61            | AV2                 | 24  | .00                               |
| 50         | 62            | AV2                 | 22  | -.11                              |
| 50         | 62            | AV4                 | 22  | .17                               |
| 55         | 62            | AV2                 | 25  | .00                               |
| 44         | 63            | AV2                 | 22  | .00                               |
| 44         | 63            | AV3                 | 26  | .00                               |
| 44         | 63            | AV4                 | 27  | .00                               |
| 44         | 63            | AV5                 | 15  | .00                               |
| 33         | 64            | AV2                 | 12  | .00                               |
| 33         | 64            | AV3                 | 12  | .00                               |
| 33         | 64            | AV4                 | 14  | .00                               |
| 41         | 64            | AV5                 | 16  | .00                               |
| 41         | 65            | AV3                 | 20  | .00                               |
| 41         | 65            | AV5                 | 14  | .00                               |
| 41         | 66            | AV2                 | 23  | .00                               |

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EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS

Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 41         | 66            | AV3                 | 17  | .00                               |
| 41         | 66            | AV4                 | 27  | .00                               |
| 41         | 66            | AV5                 | 26  | .00                               |
| 41         | 66            | AV6                 | 20  | .00                               |
| 45         | 66            | AV2                 | 19  | .00                               |
| 34         | 68            | AV2                 | 11  | .03                               |
| 44         | 68            | AV2                 | 18  | .00                               |
| 44         | 68            | AV3                 | 21  | .00                               |
| 46         | 68            | AV2                 | 29  | .00                               |
| 46         | 68            | AV3                 | 18  | -.03                              |
| 49         | 68            | AV4                 | 18  | .00                               |
| 48         | 69            | AV2                 | 25  | .00                               |
| 48         | 69            | AV3                 | 22  | .00                               |
| 44         | 70            | AV2                 | 21  | .00                               |
| 44         | 70            | AV6                 | 18  | .00                               |
| 36         | 71            | AV1                 | 26  | .00                               |
| 36         | 71            | AV2                 | 15  | .00                               |
| 36         | 71            | AV3                 | 21  | .00                               |
| 36         | 71            | AV4                 | 21  | .00                               |
| 36         | 71            | AV5                 | 20  | .00                               |
| 36         | 71            | AV6                 | 15  | .00                               |
| 44         | 71            | AV4                 | 26  | .00                               |
| 44         | 71            | AV5                 | 31  | .00                               |
| 48         | 71            | AV2                 | 29  | .00                               |
| 48         | 71            | AV3                 | 50P   | .00                               |
| 48         | 71            | AV4                 | 50  | .00                               |
| 48         | 71            | AV5                 | 18  | .00                               |
| 44         | 72            | AV2                 | 37  | .00                               |
| 44         | 72            | AV3                 | 58  | .00                               |
| 44         | 72            | AV4                 | 60P   | .00                               |
| 44         | 72            | AV5                 | 30  | .00                               |
| 44         | 72            | AV6                 | 35  | .00                               |
| 36         | 73            | AV2                 | 19  | .00                               |
| 36         | 73            | AV5                 | 20  | .00                               |
| 39         | 74            | AV3                 | 11  | .00                               |
| 44         | 74            | AV2                 | 14  | .00                               |
| 44         | 74            | AV3                 | 20  | .00                               |
| 44         | 74            | AV4                 | 13  | .00                               |
| 44         | 74            | AV5                 | 16  | .00                               |
| 45         | 74            | AV2                 | 14  | .00                               |
| 39         | 75            | AV2                 | 15  | .00                               |
| 39         | 75            | AV5                 | 18  | .00                               |
| 46         | 75            | AV4                 | 24  | .00                               |
| 49         | 75            | AV2                 | 29  | .00                               |
| 49         | 75            | AV5                 | 25  | .00                               |
| 50         | 75            | AV2                 | 36  | .00                               |
| 50         | 75            | AV3                 | 32  | .00                               |
| 50         | 75            | AV4                 | 25  | .00                               |
| 50         | 75            | AV5                 | 30  | .00                               |
| 52         | 76            | AV2                 | 10  | .00                               |
| 39         | 77            | AV2                 | 17  | .00                               |

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EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS

Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 39         | 77            | AV3                 | 21  | .00                               |
| 39         | 77            | AV4                 | 23  | .00                               |
| 39         | 77            | AV5                 | 18  | .00                               |
| 39         | 77            | AV6                 | 20  | .00                               |
| 39         | 78            | AV3                 | 18  | .00                               |
| 41         | 78            | AV2                 | 14  | .00                               |
| 46         | 78            | AV2                 | 10  | .00                               |
| 50         | 78            | AV2                 | 10  | -.12                              |
| 28         | 79            | AV3                 | 17  | .03                               |
| 28         | 79            | AV4                 | 14  | -.14                              |
| 33         | 79            | AV5                 | 10  | .00                               |
| 36         | 80            | AV3                 | 13  | .00                               |
| 36         | 80            | AV4                 | 11  | .00                               |
| 37         | 81            | AV3                 | 16  | .00                               |
| 43         | 81            | AV2                 | 15  | .00                               |
| 43         | 81            | AV3                 | 26  | .00                               |
| 43         | 81            | AV4                 | 14  | .00                               |
| 43         | 81            | AV5                 | 15  | .00                               |
| 45         | 81            | AV3                 | 17  | .00                               |
| 49         | 81            | AV2                 | 23  | .00                               |
| 51         | 81            | AV4                 | 24  | .00                               |
| 51         | 81            | AV5                 | 24  | .00                               |
| 43         | 82            | AV2                 | 13  | .00                               |
| 49         | 82            | AV2                 | 15  | .00                               |
| 39         | 83            | AV3                 | 27  | .00                               |
| 39         | 83            | AV4                 | 22  | .00                               |
| 20         | 84            | AV6                 | 22  | .00                               |
| 40         | 84            | AV2                 | 38  | .00                               |
| 40         | 84            | AV3                 | 38  | .00                               |
| 40         | 84            | AV4                 | 14  | .00                               |
| 40         | 84            | AV5                 | 29  | .00                               |
| 41         | 84            | AV1                 | 12  | .00                               |
| 41         | 84            | AV3                 | 20  | .00                               |
| 45         | 85            | AV2                 | 27  | .00                               |
| 45         | 85            | AV3                 | 39  | .00                               |
| 45         | 85            | AV4                 | 30  | .00                               |
| 45         | 85            | AV5                 | 23  | .00                               |
| 45         | 85            | AV6                 | 12  | .03                               |
| 49         | 85            | AV2                 | 23  | .00                               |
| 49         | 85            | AV4                 | 15  | .00                               |
| 50         | 85            | AV4                 | 21  | .00                               |
| 50         | 85            | AV5                 | 15  | .00                               |
| 45         | 86            | AV2                 | 19  | .00                               |
| 45         | 86            | AV3                 | 37  | .00                               |
| 45         | 86            | AV4                 | 20  | .00                               |
| 45         | 86            | AV5                 | 13  | .00                               |
| 45         | 86            | AV6                 | 14  | .00                               |
| 47         | 86            | AV2                 | 8   | .00                               |
| 47         | 86            | AV3                 | 18  | .00                               |
| 40         | 87            | AV1                 | 16  | .06                               |
| 40         | 87            | AV2                 | 16  | -.09                              |

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Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 40         | 87            | AV3                 | 18  | .00                               |
| 40         | 87            | AV4                 | 32  | .00                               |
| 50         | 87            | AV4                 | 17  | .00                               |
| 50         | 87            | AV5                 | 17  | .00                               |
| 38         | 88            | AV3                 | 9   | .00                               |
| 45         | 88            | AV3                 | 14  | .00                               |
| 45         | 88            | AV4                 | 15  | .00                               |
| 45         | 88            | AV5                 | 26  | .00                               |
| 53         | 88            | AV2                 | 10  | .00                               |
| 51         | 89            | AV3                 | 35  | .00                               |
| 51         | 89            | AV4                 | 29  | .00                               |
| 51         | 89            | AV5                 | 25  | .00                               |
| 51         | 89            | AV6                 | 23  | .00                               |
| 36         | 90            | AV3                 | 15  | .00                               |
| 36         | 90            | AV4                 | 9   | .00                               |
| 42         | 90            | AV5                 | 25  | .00                               |
| 53         | 90            | AV4                 | 18  | .00                               |
| 53         | 90            | AV5                 | 21  | .00                               |
| 32         | 91            | AV5                 | 16  | .00                               |
| 40         | 92            | AV3                 | 13  | .00                               |
| 40         | 92            | AV5                 | 12  | .00                               |
| 43         | 92            | AV3                 | 17  | .00                               |
| 49         | 92            | AV2                 | 15  | .00                               |
| 49         | 92            | AV4                 | 12  | .00                               |
| 45         | 93            | AV4                 | 21  | .00                               |
| 45         | 93            | AV5                 | 21  | .00                               |
| 48         | 93            | AV2                 | 20  | .00                               |
| 48         | 93            | AV3                 | 24  | .00                               |
| 48         | 93            | AV4                 | 26  | .00                               |
| 43         | 94            | AV2                 | 8   | .00                               |
| 44         | 94            | AV3                 | 12  | .00                               |
| 41         | 95            | AV5                 | 22  | .03                               |
| 45         | 95            | AV4                 | 28  | .00                               |
| 45         | 95            | AV5                 | 33  | .00                               |
| 41         | 96            | AV2                 | 12  | .00                               |
| 44         | 96            | AV2                 | 12  | .00                               |
| 44         | 96            | AV3                 | 16  | .00                               |
| 44         | 96            | AV4                 | 14  | .00                               |
| 45         | 96            | AV5                 | 22  | .00                               |
| 38         | 97            | AV4                 | 11  | .00                               |
| 38         | 97            | AV5                 | 16  | .00                               |
| 40         | 97            | AV3                 | 18  | .00                               |
| 40         | 97            | AV4                 | 21  | .00                               |
| 41         | 97            | AV3                 | 25  | .03                               |
| 41         | 97            | AV4                 | 31  | .00                               |
| 40         | 98            | AV3                 | 16  | .00                               |
| 40         | 98            | AV4                 | 11  | .00                               |
| 43         | 99            | AV5                 | 17  | -.06                              |
| 34         | 100           | AV3                 | 9   | .00                               |
| 38         | 100           | AV2                 | 10  | .00                               |
| 38         | 100           | AV3                 | 10  | .00                               |



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EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS

Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 41         | 100           | AV2                 | 17  | .00                               |
| 41         | 100           | AV3                 | 14  | .00                               |
| 41         | 100           | AV4                 | 15  | .00                               |
| 41         | 100           | AV5                 | 12  | .00                               |
| 38         | 101           | AV3                 | 19  | .00                               |
| 36         | 102           | AV5                 | 10  | .00                               |
| 40         | 102           | AV3                 | 22  | .00                               |
| 40         | 102           | AV4                 | 18  | .00                               |
| 36         | 103           | AV3                 | 13  | .00                               |
| 36         | 103           | AV4                 | 16  | .00                               |
| 38         | 103           | AV3                 | 13  | .00                               |
| 38         | 103           | AV4                 | 25  | .00                               |
| 40         | 103           | AV2                 | 21  | -.12                              |
| 40         | 103           | AV3                 | 26  | .00                               |
| 40         | 103           | AV4                 | 20  | .00                               |
| 40         | 103           | AV5                 | 12  | .00                               |
| 40         | 103           | AV6                 | 12  | .00                               |
| 35         | 104           | AV5                 | 14  | .00                               |
| 40         | 104           | AV2                 | 28  | .00                               |
| 40         | 104           | AV3                 | 16  | .00                               |
| 40         | 104           | AV5                 | 16  | .00                               |
| 40         | 104           | AV6                 | 14  | .00                               |
| 35         | 105           | AV6                 | 16  | 1.65                              |
| 38         | 105           | AV3                 | 27  | .00                               |
| 38         | 105           | AV4                 | 22  | .00                               |
| 40         | 105           | AV2                 | 30  | .00                               |
| 40         | 105           | AV3                 | 45P   | .00                               |
| 40         | 105           | AV4                 | 32  | .00                               |
| 40         | 105           | AV5                 | 19  | .00                               |
| 34         | 106           | AV4                 | 9   | .00                               |
| 35         | 106           | AV2                 | 13  | .00                               |
| 35         | 106           | AV3                 | 10  | .00                               |
| 35         | 106           | AV6                 | 12  | .00                               |
| 35         | 107           | AV4                 | 17  | .00                               |
| 35         | 107           | AV5                 | 11  | .00                               |
| 35         | 108           | AV4                 | 21  | .00                               |
| 35         | 108           | AV5                 | 12  | .00                               |
| 35         | 108           | AV6                 | 15  | .00                               |
| 32         | 109           | AV5                 | 12  | .00                               |
| 33         | 109           | AV3                 | 15  | .00                               |
| 33         | 109           | AV4                 | 18  | .00                               |
| 33         | 109           | AV5                 | 18  | .00                               |
| 34         | 109           | AV2                 | 14  | .00                               |
| 34         | 109           | AV6                 | 14  | -.03                              |
| 35         | 109           | AV3                 | 25  | .00                               |
| 35         | 109           | AV4                 | 45P   | .00                               |
| 35         | 109           | AV5                 | 16  | .00                               |
| 32         | 110           | AV5                 | 14  | .00                               |
| 35         | 110           | AV4                 | 12  | .00                               |
| 30         | 111           | AV2                 | 11  | .00                               |
| 30         | 111           | AV6                 | 12  | .00                               |

SPECIAL REPORT 98-002  
EIGHTH STEAM GENERATOR TUBE INSPECTION RESULTS

Tube Indications In Steam Generator "D"

| <u>Row</u> | <u>Column</u> | <u>Location/Leg</u> | <u>Indication<br/>(% of Wall Thickness)</u> | <u>Inch (+)<br/>From Location</u> |
|------------|---------------|---------------------|---|-----------------------------------|
| 30         | 114           | AV5                 | 37  | .00                               |
| 24         | 115           | AV1                 | 19  | .00                               |
| 27         | 115           | AV6                 | 19  | .00                               |
| 28         | 115           | AV6                 | 36  | .00                               |

LIST OF COMMITMENTS

The following table identifies those actions committed to by Wolf Creek Nuclear Operating Corporation (WCNOC) in this document. Any other statements in this submittal are provided for information purposes and are not considered to be commitments. Please direct questions regarding these commitments to Mr. Michael J. Angus, Manager Licensing and Corrective Action at Wolf Creek Generating Station, (316) 364-8831, extension 4077.

| COMMITMENT | Due Date/Event |
|------------|----------------|
| None       | N/A            |