



A Denscor Energy Company

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Docket Number 50-346

License Number NPF-3

Serial Number 1796

April 17, 1990

United States Nuclear Regulatory Commission
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Subject: Technical Specification 4.4.5.5a Report of Steam Generator Tube
Plugging

Gentlemen:

This letter is submitted in accordance with the requirements of the Davis-Besse Nuclear Power Station (DBNPS) Unit Number 1, Operating License Appendix A Technical Specifications. Technical Specification 4.4.5.5a requires Toledo Edison to report to the Nuclear Regulatory Commission (NRC) the number of tubes plugged in each steam generator following each inservice inspection of steam generator tubes.

The tube plugging process was completed on April 6, 1990. As a result of the inspection findings, the following steam generator tubes were plugged:

STEAM GENERATOR 1-1

Row 38 Tube 11
Row 69 Tube 61
Row 73 Tube 63
Row 151 Tube 8

STEAM GENERATOR 1-2

Row 51 Tube 5
Row 68 Tube 10
Row 71 Tube 13
Row 73 Tube 8
Row 73 Tube 9
Row 75 Tube 30
Row 77 Tube 29
Row 83 Tube 65

In addition to plugging the new tubes above, a number of existing plugs were removed from the upper channel head and replaced with new plugs of a nickel base alloy [ASME designation SB-166 (alloy 690)] due to the potential for primary water stress corrosion cracking (PWSCC). The plugs were replaced in the following tubes:

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STEAM GENERATOR 1-1

Row 75 Tube 62

STEAM GENERATOR 1-2

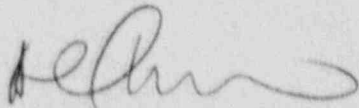
Row 68 Tube 67
Row 70 Tube 69
Row 70 Tube 70
Row 71 Tube 63
Row 71 Tube 71
Row 73 Tube 52
Row 75 Tube 65
Row 78 Tube 65
Row 82 Tube 64
Row 82 Tube 66
Row 82 Tube 69
Row 83 Tube 67
Row 84 Tube 63
Row 85 Tube 64
Row 85 Tube 65
Row 85 Tube 70
Row 87 Tube 66
Row 88 Tube 67

Additionally, due to water being observed dripping from Row 54 Tube 127, backup plugs were installed in three tubes in the lower channel head of Steam Generator 1-1 (Row 54 Tube 127, Row 61 Tube 126, Row 69 Tube 130). These tubes had been previously plugged with explosive plugs. The installation of these three backup plugs was completed on April 9, 1990.

In accordance with Technical Specifications 4.4.5.5b and 6.9.1.5b requirements, Toledo Edison will provide information, in the next annual report, on the number and extent of tubes inspected and the location and percent of wall-thickness penetration for each indication of an imperfection.

Should further information be required, please contact Mr. R. W. Schrauder, Manager - Nuclear Licensing, at (419) 249-2366.

Very truly yours,



GBK/ssg

cc: P. M. Byron, DB-1 NRC Senior Resident Inspector
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