

NRC INSPECTION MANUAL

IIPB

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Reg. Guide 1.16, Para. C.2.a(3) - Reporting Requirements - Abnormal Degradation 04/01/78 (78-11)

Reg. Guide 1.16, Para. C.2.a(4) - Reporting Requirements - Reactivity Anomalies 07/01/78 (78-24)

Reg. Guide 1.33, "Procedure Implementation" as used in Section 6.8.1 of Standard Technical Specifications 04/01/77 (77-05)

Reg. Guide 1.58, Qualifications of Nuclear Power Plant Inspection, Examination and Testing Personnel 04/01/77 (77-05)

ASME Section III American Society of Mechanical Engineers ASME Boiler and Pressure Vessel Code, Section III 06/16/89 (89-011)

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ASME Section XI American Society of Mechanical Engineers ASME, Section XI 05/12/86 (86-26)

IEEE Institute of Electrical and Electronic Engineers IEEE Standard 450-1975 05/12/86 (86-26)

² [XXXX.XX] attached to each document in Part 9900, is the file name for that document.

PART
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- STS Sec 4.7.9.1.a Establishment of Visual Inspection Intervals for Snubbers
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