

SAFETY EVALUATION REPORT BY THE
OFFICE OF NUCLEAR REACTOR REGULATION
SEQUOYAH UNIT 2
DOCKET NO. 50-328

RELIEF FROM INSERVICE INSPECTION REQUIREMENT

INTRODUCTION

The licensee requested relief from performing the hydrostatic testing requirements of Article IWC-5000 under ASME Section XI, following the repair of the by-pass line on the main steam line. The licensee found it necessary to remove a portion of the by-pass line in order to perform some repair on a feedwater check valve.

EVALUATION

We agree with the licensee that a hydrostatic test in compliance with Section XI (Article IWC-5000) to demonstrate the integrity of the welds is an unnecessary requirement for the repair of the 2-inch line and its socket welds. The test would require filling the steam generator and main steam line with water out to the main steam line check valve.

Such a test could damage support structures and safety-related valves in the main steam line. We conclude that for the repair work in question a leak test at operating pressure and temperature is adequate. The examination of the replacement weld areas shall be carried out in accordance with Region II requirements.

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