

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

WM. H. ZIMMER ROUND-TWO QUESTIONS

Introduction

This enclosure consists of the twenty-sixth in a series of positions (and requests for additional information). We will need your response in order to complete our safety evaluation of your Zimmer OL application. The request is in the area of:

121.0 Materials Engineering

221.0 Electrical Instrumentation and Control Systems

It will be helpful to us if your responses are in a "Position and Response" format using the same number designation as the position. The first number designated the review area and the second (in parentheses) designated the associated section of the FSAR. Of course, your responses should include revision to the FSAR wherever appropriate.

1127 122

7910050

471

121.0

MATERIALS ENGINEERING BRANCH - MATERIALS INTEGRITY SECTION

121.21

The Wm. H. Zimmer Nuclear Power Station, Unit No. 1 preservice inspection program plan does not address the containment penetrations which include ASME Code Class 1 and Class 2 welds within the scope of Regulatory Position C1 of Regulatory Guide 1.26. Examples of these penetrations are the M1, 2, 3, 4, 5, 6 hot pipe penetrations (FSAR Table 3.8-1) with Type I flued head (FSAR Fig. 3.8-19) which, in addition, include an inaccessible weld. Other examples are the welds in the hydrogen gas control penetrations which join valves to the penetrations.

221.0

ELECTRICAL INSTRUMENTATION AND CONTROL SYSTEMS

221.388  
(3.11)

Your response to Question 221.267, as documented in your submittals "GE Isolator Device Qualification Summary" and "Figure Q221.267-2, RMCS to RBM Isolation Device Testing Connections", Revision 58, dated June 1979, is incomplete and, therefore, unacceptable.

The qualification test described in the Qualification Summary, and illustrated in Figure Q221.267-2, verified only that the isolation device can withstand the imposed voltage stresses without loss of physical integrity. The test, as documented, did not determine the ability of the device to perform its isolation function, i.e. no adverse effect on the input signal when a voltage is applied to the output of the isolation device.

You are requested to submit documentation of testing that demonstrates that the device acceptably isolates the input from any design basis voltages applied at the output terminals. Your acceptance criteria, and their bases, for this test should also be submitted.