

2009 NRC Special Inspection - RB Concrete Separation

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Request Number: 11
Individual Contacted: Garry Miller Date Contacted: 10/22/2009
Requestor/Inspector: Louis Lake Category: Question

Request: Does the PGN Testing Procedure identify how CTL calibrates their equipment, qualification of personnel, and equipment set-up (i.e., frequencies)? Provide Testing Procedure to NRC.

References:

Response Assigned to: Paul Fagan Date Due to Inspector: 10/26/2009

Response:

This question pertains to PGN procedure PT-407T, Reactor Building Concrete Examination and Testing, Revision 2.

The question is split into three areas with specific procedure steps stated to address each area.

Area 1 – Calibration

Step 3.2 Responsibilities

Step 3.2.1

The Condition Assessment Consultant is responsible for:

Provide equipment list and associated calibration documentation

Step 3.3 Limits & Precautions

Step 3.3.2

The equipment utilized to perform the NDT was calibrated in the field during trial use by CTLGroup. This method of validating the test process and equipment for a specific application is standard practice for concrete condition assessments utilizing NDT.

Step 5.3 Reports

Step 5.3.1

An equipment list with calibration documentation will be provided for the NDT used. The NDT process calibration/validation document will be included in the report.

Enclosure 7

For a critical structure of this scale, more correlation data is desired in order to finalize a more comprehensive calibration.

Enclosure 8

Individual equipment packages have been established to track specific calibrated equipment in order to link individual NDT locations with a calibrated equipment package. The Exterior Containment Inspection Log requires an Equipment Package Number to be recorded for each NDT location. The Equipment Package Number is traceable to a permanent plant record documenting the calibration records for the equipment.

Area 2 – Qualification

Step 3.2 Responsibilities

Step 3.2.1

The Condition Assessment Consultant, CTLGroup, shall be responsible for assuring that all individuals under his supervision are properly trained in the use of this procedure and associated equipment.

Step 3.2.1

The Condition Assessment Consultant is responsible for:

Provide personnel qualification records for lead Engineer

Step 3.5.2 Initial Conditions

ENSURE that all personnel are familiar with the operating manuals of the equipment to be used during the inspection.