

# Evaluation of Integrity of Core Shroud Repair

An application to install tie rods was submitted for the Unit 2 of the Fukushima Daini Nuclear Power Station as a corrective action for cracks on the core shroud.

## Mounted Tie Rods Method

A construction method that clamps and fixes the shroud from upper and lower ends with long brace members called tie rods.

## Evaluation of the integrity of structures for mounted tie rods on the core shroud

Components subjected to the evaluation (core shroud, shroud support and core shroud support rod)

The primary stress, the primary stress plus the secondary stress and the fatigue cumulative coefficient were evaluated in accordance with the technical codes of the structure, and it was confirmed that those sufficiently satisfied the tolerance.

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