

# General Inspection Report

(BC13)

REPORT No.37

SIDE TOWERS N & S

DATE: 08/04/1999 TO 16/04/1999

BOTH THE NORTH AND SOUTH SIDE TOWERS WERE VISUALLY INSPECTED OVER AN INTERMITTANT PERIOD OF EIGHT DAYS, GENERAL FINDINGS AS FOLLOWS:

**GENERALLY:** THE STRUCTURES APPEAR SATISFACTORY, WITH ONLY 12 off ELEMENT DEFECTS REPORTED ( 5 off ARE FOR POST TENSION CABLES ). INFESTATION STILL EVIDENT AROUND CABLE BASES IN SOUTH TOWER LEGS.

**CONCRETE:** THERE IS WHAT APPEARS TO BE, A NEW CRACK IN THE CONCRETE AT THE NORTH WEST ROCKER SADDLE BAY, WEST WALL CABLE PENETRATION,  
(VERBALLY REPORTED TO E.S.M. AT TIME OF INSPECTION).

**STAGINGS & LADDERS:** ACCESS LADDERS & PLATFORMS FROM CROSSOVERS TO TOWER LEGS SHOW SIGNS OF CORROSION, WITH THE LADDER RUNGS BEING THE WORST AFFECTED.

**POST TENSION CABLES:** ALL THE CABLES WERE EXPOSED BY REMOVING THE DENSO TAPE WRAPPINGS AT THE BASE LEVELS. THE NORTH TOWER CABLES WERE IN THE MAIN DRY WITH ONLY SLIGHT CORROSION EVIDENT, HOWEVER THE SOUTH TOWER CABLES WERE FILLED WITH WATER (DENSO TAPE HOLDING WATER IN ) AND CORROSION WAS HEAVY. **STRAND BREAKAGES:** 18 off STRANDS FOUND BROKEN AT POSITION No.5 S.E.LEG (WEST) AND 2 off STRANDS FOUND BROKEN AT POSITION No.4 S.E.LEG (EAST). THESE HAVE BEEN PHOTOGRAPHED ALONG WITH GENERAL PHOTOGRAPHS OF THE BASE LEVEL, E.S.M. & D.G.M. HAVE BEEN ADVISED OF SITUATION.

ALL DEFECTS DETAILED AND ENTERED ON STRUCTURE REPORT PROGRAMME.

**INSPECTORS:**