

#### 4.4.5 TENDON SURVEILLANCE

##### Lift-off

Lift-off readings will be taken for the following nine (9) tendons available for inspection:

##### Unit 3

Horizontal 62H18, 42H70, 64H50  
Vertical 23V1, 45V7, 61V1  
Dome 1D53, 2D28, 3D28

##### Unit 4

62H38, 42H80, 64H70  
12V29, 34V29, 56V29  
1D28, 2D 3, 3D28

##### Wire Inspection

One horizontal, one vertical and one dome tendon will be relaxed and one wire will be removed from each as a sample. (At subsequent inspections different tendons will be used for the sample). Wires will be visually inspected for corrosion and pitting. Tensile tests will be performed on three (3) samples cut from each wire (one from each end and one from the middle) of a length equal to the maximum length acceptable for the test apparatus to be used.

After samples are taken, tendons will be retensioned and final lift-off readings will be taken.

##### Test Frequency

Lift-off readings and wire inspection will take place at the end of the first, third and every fifth year thereafter from the date of the structural integrity test (July 4, 1971, for Unit 3 and February 19, 1972 for Unit 4). Tendon surveillance may be conducted during reactor operation.

