

Advanced Turbine Support

WESTINGHOUSE 501F: COMPRESSOR STAGE TWO DIAPHRAGM CRACKING

PURPOSE

To inform users of cracks in the row two diaphragm segments.

UNIT TYPE

501F Gas Turbines.

HISTORY

We identified a crack in row two-diaphragm segment. This is in an area not typically susceptible to cracking.

RECOMMENDATION

Perform a remote visual inspection of the row two diaphragm ring segments as soon as possible to check for cracks near the split lines. We will check this area during our standard borescope inspections and during specific hook fit only inspections.



This view is showing a crack in a row two diaphragm ring segment.