

1 Q. Please provide detailed reasons for the trips and failures to start experienced
2 during the last five years for Hardwoods and Stephenville gas turbines. How
3 many trips and failures to start were due to failures of gas generator or power
4 turbine parts?

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7 A. The reasons for each trip and failure to start experienced during the past
8 years are outlined in the responses to PUB 39.0, PUB 40.0 and IC-55 NLH.
9 At Hardwoods from 2001 to 2006 there were 22 trips recorded, 10 of which
10 were related to high exhaust gas temperature on the gas generator, while the
11 others were related to protection trips. At Hardwoods there were 39 failed
12 starts recorded for this same time frame. Causes include fuel transducer
13 problems, high exhaust gas temperature and auxiliary equipment failures. In
14 Stephenville from 2001 to 2006 there were 30 trips recorded, 14 of which
15 were related to high exhaust gas temperature on the gas generator, while the
16 others were related to protection trips. At Stephenville there were 42 failed
17 starts recorded for this same time period. Many were related to fuel
18 transducer problems, high exhaust gas temperatures, and auxiliary
19 equipment failures.