**Purpose:** This form will be filled out:
1. ANY TIME there is a SIS trip of a piece of equipment or the entire unit/facility (this will include times when the trip is justified (a trip limit was exceeded) or times when the SIS tripped and it was a spurious trip (no trip limit was exceeded) OR
2. When the SIS SHOULD have tripped but didn't.

*Instructions: This form shall be completed by Operations when there is an SIS trip OR when it should have tripped but it doesn't. It shall be forwarded to the unit SIS Instrumentation Engineer to compile SIS demand data.*

| | | |
|---|---|---|
| 1 | Date & Time | |
| 2 | Name of Person Completing the Form | |
| 3 | Unit or Facility | |
| 4 | Which Shutdown Function was involved. Include the equipment number and related instrument tag numbers. | |
| 5 | Indicate with an X if this was:<br>1a) a <u>justified</u> trip (ie trip limit was exceeded) or<br>1b) <u>spurious</u> trip (ie trip limit was not exceeded but tripped anyways)<br>2) <u>didn't trip (by SIS)</u> when it should have; (i.e. tripped by other means) | _____Justified Trip (trip limit was exceeded)<br><br>_____Spurious Trip (trip limit was not exceeded)<br><br>_____Didn't trip when it should have |
| 6 | What caused the trip (wire came off, valve failed closed, high level in what vessel, unknown, etc) | |
| 7 | Required Trip Value (eg 100 psi) | |
| 8 | Actual Trip Value (eg 150 psi or 'didn't trip') | |
| 9 | Consequence | |
| 10 | Other Reporting Associated with the Event | |
| 11 | Other Comments or Information | |

| To be completed by Unit SIS Instrumentation Engineer: | |
|---|---|
| Type of SIS failure, as applicable | \_\_\_\_Dangerous Detected    \_\_\_\_Dangerous Undetected<br><br>\_\_\_Safe Detected    \_\_\_Safe Undetected |
| Describe SIS failure | |