

# Example of In-service Detection Scale

Rank	Likelihood of Detection	Criteria: Likelihood of In-service Detection by Design Control
10	<b>Absolute Uncertainty</b>	Failure mode/cause are not detectable in-service
9	<b>Very Remote</b>	Failure mode/cause is possibly detected during offline unplanned testing or inspection
8	<b>Remote</b>	Failure mode/cause is most likely detected during offline unplanned testing or inspection
7	<b>Very Low</b>	Failure mode/cause is possibly detected by offline planned periodic testing or monitoring
6	<b>Low</b>	Failure mode/cause is most likely detected by offline planned periodic testing or monitoring
5	<b>Moderate</b>	Failure mode/cause is possibly detected by online planned periodic testing or monitoring
4	<b>Moderately High</b>	Failure mode/cause is most likely detected by online planned periodic testing or monitoring
3	<b>High</b>	Failure mode/cause is possibly detected by online automatic continuous testing or monitoring
2	<b>Very High</b>	Failure mode/cause is most likely detected by online automatic continuous testing or monitoring
1	<b>Almost Certain</b>	Failure mode/cause is detected by online automatic continuous testing or monitoring