

best pipe.coc

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SPAR HRA Human Error Worksheet (Page 1 of 1) Best Case

Plant: _____ Initiating Event: _____ Sequence Number: _____ Basic Event Code: HEP-DIAG-SFPLPI

Basic Event Context: _____

Basic Event Description: _____

Does this task contain a significant amount of diagnosis activity? YES (start with Part I, p. 1) NO (skip Part I, p. 1; start with Part II, p. 2) Why? _____

Part I. DIAGNOSIS

A. Evaluate PSFs for the diagnosis portion of the task.

PSFs	PSF Levels	Multiplier for Diagnosis	If non-nominal PSF levels are selected, please note specific reasons in this column
Available Time	Inadequate time	P(failure) = 1.0	Time expansive due to boil off and leakage ratio.
	Barely adequate time <20 min	10	
	Nominal time ≈ 30 min	1	
	Extra time >60 min	0.1	
Stress	Expansive time >24 hrs	0.01	Stress high due to alarms.
	Extreme	5	
	High	2	
	Nominal	1	
Complexity	Highly complex	5	
	Moderately complex	2	
	Nominal	1	
	Obvious diagnosis	0.1	
Experience/Training	Low	10	Highly trained.
	Nominal	1	
	High	0.5	
Procedures	Not available	50	Diagnostic procedures available
	Available, but poor	5	
	Nominal	1	
	Diagnostic/symptom oriented	0.5	
Ergonomics	Missing/Misleading	50	Well laid out and labeled alarms that match procedures.
	Poor	10	
	Nominal	1	
	Good	0.5	
Fitness for Duty	Unfit	P(failure) = 1.0	
	Degraded Fitness	5	
	Nominal	1	
Work Processes	Poor	2	Crew and procedures that interact well in a good facility.
	Nominal	1	
	Good	0.8	

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