

Jan. 27, 2004

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244 - 244 - DOSE ASSESSMENT STAFFER

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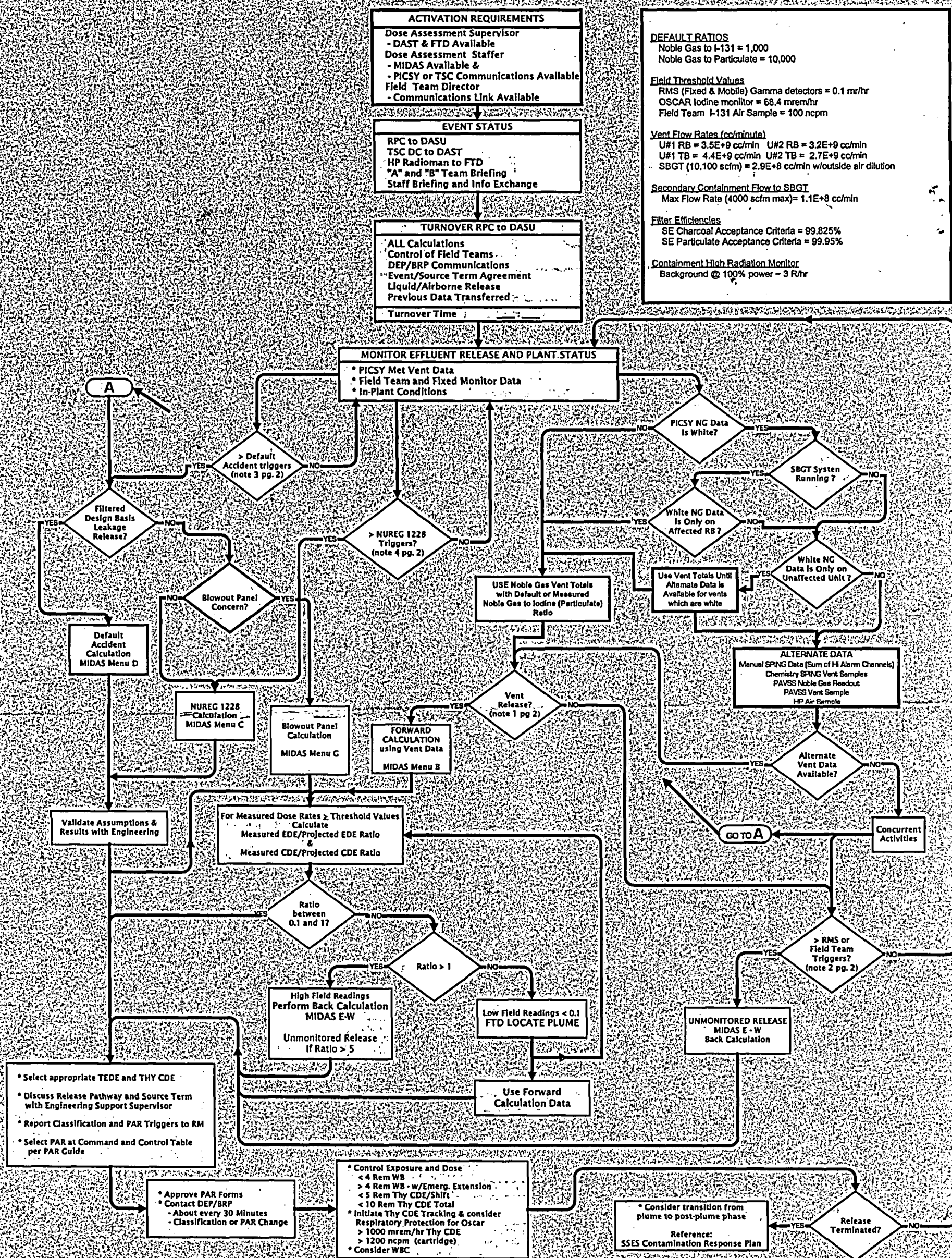
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EOF DOSE ASSESSMENT FLOWCHART

TAB 14
EP-PS-244-14



DOSE ASSESSMENT EMERGENCY ACTION LEVELS

TAB 14
EP-PS-244-14

NOTE 1	NOTE 2	NOTE 3	NOTE 4	NOTE 5
VENT RELEASE TRIGGERS	RMS/FIELD TRIGGERS	DEFAULT ACCIDENT TRIGGERS	NUREG 1228 TRIGGERS	LIQUID RELEASE TRIGGERS
<p>♦ <u>AIRBORNE RELEASE</u></p> <p>Total NG Release Rate > 1.0E6 μci/min** or</p> <p>Entry into one of the following EALs*</p> <p>EAL 3, 15, 17, 18 or 21 with a DSC breached or</p> <p>Initiation of SBTG for treatment of activity within</p> <p>Containment* or</p> <p>A release above normal levels attributable to a declared event* or</p> <p>An unmonitored release is in progress</p> <p>* Perform one calculation unless directed otherwise</p> <p>** Perform dose projections every 15 minutes</p>	<p>♦ <u>AIRBORNE RELEASE **</u></p> <p>≥ 0.1 mrem/hr EDE (ASP1 or RMS gamma reading)</p> <p>≥ 68.4 mrem/hr Thy CDE (OSCAR RMS Iodine)</p> <p>≥ 100 ncpm on Iodine Cartridge</p> <p>** Perform dose projections every 15 minutes</p>	<p>♦ <u>INDICATION OF FUEL DAMAGE</u></p> <p>> 10 R/hr CHRM</p>	<p>♦ <u>UNFILTERED VENT RELEASE</u></p> <p>♦ <u>RELEASE RATE > DESIGN BASIS 1%/DAY</u></p> <p>♦ <u>CORE UNCOVERED > 15 MINUTES</u></p> <p>♦ <u>SPENT FUEL POOL RELEASE</u></p>	<p>♦ <u>LIQUID RELEASE</u></p> <p>Liquid Effl. \geq TRM</p>
<p>♦ <u>EAL 15.1 (Unusual Event)</u></p> <p>>2.0E6 μci/min NG for 60 min. or longer</p>				<p>♦ <u>EAL 15.1</u></p> <p>Liquid Effl. ≥ 2 x TRM for 60 min</p>
<p>♦ <u>EAL 15.2 (Alert)</u></p> <p>>2.0E8 μci/min NG for 15 min. or longer</p>		<p>EAL 3.2 <u>SEVERE CLAD DEGRADATION</u></p> <p>>200 R/hr CHRM or</p> <p>>300 μci/cc DE Iodine-131</p>		<p>♦ <u>EAL 15.2</u></p> <p>Liquid Effl. ≥ 200 x TRM for 15 min</p>
<p>♦ <u>EAL 15.3 (Site Area Emergency)</u></p> <p>>6.2E8 μci/min NG for greater than 15 min</p> <p>& dose projection not available</p> <p>Note:</p> <p>If dose projection cannot be made within 15 minute period, then declaration to be made on valid sustained NG release rate.</p> <p><u>PROJECTED DOSE @ EPB</u></p> <p>>100 mrem TEDE or</p> <p>>500 mrem THY CDE</p>	<p>♦ <u>EAL 15.3</u></p> <p><u>RMS PERIMETER MONITORING SYSTEM</u></p> <p>> 100 mR/hr for 15 min or longer</p> <p><u>FIELD TEAM SURVEY RESULTS @ EPB</u></p> <p>> 100 mR/hr & expected for 60 min or</p> <p>≥ 500 mrem THY CDE for one hour of inhalation</p>	<p>♦ <u>EAL 3.3 SEVERELY DEGRADED CORE</u></p> <p>> 400 R/hr CHRM or</p> <p>> 1000 μci/cc DE Iodine-131</p>		
<p>♦ <u>EAL 15.4 (General Emergency)</u></p> <p>>6.2E9 μci/min NG for greater than 15 min</p> <p>& dose projection not available</p> <p>Note:</p> <p>If dose projection cannot be made within 15 minute period, then declaration to be made on valid sustained NG release rate.</p> <p><u>PROJECTED DOSE @ EPB</u></p> <p>≥ 1000 mrem TEDE or</p> <p>≥ 5000 mrem THY CDE</p>	<p>♦ <u>EAL 15.4</u></p> <p><u>RMS PERIMETER MONITORING SYSTEM</u></p> <p>> 1000 mR/hr for 15 min or longer</p> <p><u>FIELD TEAM SURVEY RESULTS @ EPB</u></p> <p>> 1000 mR/hr & expected for 60 min or</p> <p>≥ 5000 mrem THY CDE for one hour of inhalation</p>	<p>♦ <u>EAL 3.4 CORE MELT</u></p> <p>> 400 R/hr CHRM plus listed conditions or</p> <p>> 1000 μci/cc DE Iodine-131 or</p> <p>> 2000 R/hr CHRM</p>		