Jan. 27, 2004

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104 - 104 - RADIATION PROTECTION COORDINATOR (RPC): EMERGENCY PLAN-POSITION SPECIFIC PROCEDURE

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TAB 16 EP-PS-104-16

DOSE ASSESSMENT EMERGENCY ACTION LEVELS

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
► AIRBORNE RELEASE Total NG Release Rate > 1.0E6 μci/min** or Entry into one of the following EALs*or EAL 3, 15, 17, 18 or 21 with a DSC breached or Initiation of SBGT for treatment of activity within Containment* or A release above normal levels attributable to a declared event* or An unmonitored release is in progress * Perform one calculation unless directed otherwise ** Perform dose projections every 15 minutes • EAL 15.1 [Unusual Event]	AIRBORNE RELEASE** ≥ 0.1 mrem/hr EDE (ASP1 or RMS gamma reading) ≥ 68.4 mrem/hr Thy CDE (OSCAR RMS lodine) ≥ 100 ncpm on lodine Cartridge ** Perform dose projections every 15 minutes	INDICATION OF FUEL DAMAGE > 10 R/hr CHRM	UNFILTERED VENT RELEASE RELEASE RATE > DESIGN BASIS 1%/DAY CORE UNCOVERED > 15 MINUTES SPENT FUEL POOL RELEASE	◆ <u>LIQUID RELEASE</u> Liquid Effl. ≥ TRM ◆ <u>EAL 15.1</u>
>2.0E6 μci/min NG for 60 min. or longer • EAL 15.2 (Alert) >2.0E8 μci/min NG for 15 min. or longer		EAL 3.2 <u>SEVERE CLAD DEGRADATION</u> >200 R/hr CHRM or >300 μci/cc DE lodine-131		Liquid Effl. ≥ 2 x TRM for 60 min • <u>EAL 15.2</u> Liquid Effl. ≥ 200 x TRM for 15 min
 ► EAL 15.3 (Site Area Emergency) >6.2E8 μci/min NG for greater than15 min & dose projection not available Note: If dose projection cannot be made within 15 minute period, then declaration to be made on valid sustained NG release rate. PROJECTED DOSE @ EPB >100 mrem TEDE or >500 mrem THY CDE 	 ► EAL 15.3 RMS PERIMETER MONITORING SYSTEM > 100 mR/hr for 15 min or longer FIELD TEAM SURVEY RESULTS @ EPB > 100 mR/hr & expected for 60 min or > 500 mrem THY CDE for one hour of inhalation 	◆ EAL 3.3 SEVERELY DEGRADED CORE > 400 R/hr CHRM or > 1000 μci/cc DE lodine-131		
 ► EAL 15.4 (General Emergency) >6.2E9 μci/min NG for greater than15 min & dose projection not available Note: If dose projection cannot be made within 15 minute period, then declaration to be made on valid sustained NG release rate. PROJECTED DOSE @ EPB ≥ 1000 mrem TEDE or ≥ 5000 mrem THY CDE 	◆ EAL 15.4 RMS PERIMETER MONITORING SYSTEM > 1000 mR/hr for 15 min or longer FIELD TEAM SURVEY RESULTS @ EPB > 1000 mR/hr & expected for 60 min or > 5000 mrem THY CDE for one hour of inhalation	♦ EAL 3.4 CORE MELT > 400R/hr CHRM plus listed conditions or > 1000 μci/cc DE lodine-131 or > 2000 R/hr CHRM		

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