



~~(C)~~ UPDATE 16 MAR: Japan: Dispersion of Radioactive Material From the Fukushima Daiichi NPP

Medical

DIA Product ID:
DIA-16-1103-061

Date:
16 March 2011

ICOD:
16 March 2011

(b)(3):10 USC 424;(b)(3):50 USC 3024(i)

(b)(3):10 USC 424

Derived From:
[] SEC 001-2009
Reason: 1.4(c)
Declassify On:
20360316

(b)(3):10 USC 424;(b)(3):50 USC 3024(i)

~~(C)~~ Assessment

~~(C)~~ Based on weather forecasts and computer modeling, DIA predicts radioactive material ejected from the Fukushima Daiichi NPP over the next 96 hours will disperse southeastward with prevailing winds. DIA believes small amounts of radioactive isotopes, including iodine, cesium, and strontium, are venting from the damaged reactors and spent fuel pools. Spent fuel is reportedly on fire at Unit 4 due to loss of water. DIA assesses these contaminants currently pose a low acute health risk to people offsite.

(b)(3):10 USC 424;(b)(3):50 USC 3024(i)

~~(U)~~ Four of the six reactor plants at the Fukushima Daiichi NPP are damaged and venting steam and radioactive materials. Units 1, 2, and 3 experienced severe core damage and hydrogen explosions; Unit 4 experienced total water loss and fire at its spent fuel pool.

~~(U//FOUO)~~ Japan has issued an evacuation order for those within a 20-km radius of the reactor and has prepared to distribute iodine as a precaution.

(b)(3):10 USC 424;(b)(3):50 USC 3024(i)

(b)(1);(b)(3):10 USC 424;(b)(3):50 USC 3024(i);Sec. 1.4(d)