

June 12, 2002

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-02-031

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV staff on this date.

Facility

The Boeing Company
3370 Miraloma Avenue
Anaheim, CA 92803
State of California Licensee
License No.: CA# 0065-30

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: POTENTIAL EXPOSURE IN EXCESS OF REGULATORY LIMITS

DESCRIPTION: On June 11, 2002, the California Radiation Health Branch (CRHB) notified NRC's Operation Center of an exposure to a personnel monitoring badge that was in excess of the regulatory limits. 10 CFR 20.1201(a)(1)(i) limits the annual total effective dose equivalent to 5 rems (0.05 Seiverts (Sv)), 20.1201(a)(2)(i) limits the annual lens dose equivalent (LDE) to 15 rems (0.15 Sv), and 20.1201(a)(2)(ii) limits the shallow-dose equivalent (SDE) to 50 rems (0.50 Sv) to the skin or to any extremity.

The licensee's radiation safety officer informed CRBH on June 11, 2002, that he received notification from their personnel monitoring vendor (Landauer) of a badge overexposure. Landauer reported a dose of 0.94 Sv (94 rem) deep dose equivalent, 0.94 Sv (94 rem) LDE, and 1.12 Sv (112 rem) SDE to an individual's badge for the period of April 1 to 30, 2002. Landauer indicated that it was a static exposure, which suggests that it is a badge-only exposure. The licensee is conducting an investigation. The CRBH is following the licensee's investigation closely and has recommended blood work on the individual to determine if an overexposure occurred.

NRC's Operation Center notified Region IV of this occurrence on June 11, 2002. Region IV has informed OEDO, NMSS, and STP.

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