



June 22, 2001

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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir or Madame:

This notification letter is being furnished in accordance with regulatory requirements established in 10 CFR, Part 20, *Standards for Protection Against Radiation*, Section 3.20.2203: *Reports of Exposures, Radiation Levels, and Concentrations of Radioactive Material Exceeding the Constraints Or Limit.*

During a Nuclear Regulatory Commission inspection of Lockheed Martin Aeronautics Company - Marietta (LM Aero - Marietta) on June 05, 2001, a discrepancy was noted regarding the quantity of drogue refueling lights (Model PD 42000) currently registered in our stored inventory. Each refueling drogue light is self-illuminating and contains .90 curie of tritium (hydrogen 3). LM Aero - Marietta's materials license, NRC No. 10-01425-16, requires a maximum *cumulative* quantity of tritium, self contained within each drogue light, to not exceed 100 curies total. Henceforth, the maximum number of drogue lights allowable under this license limitation is 111.0 units.

On June 07, 2001, inventory review verified a total of 265 drogue lights currently registered in storage. The excess quantity of refueling drogue lights can be attributed to a variation in aircraft production rates experienced over the last 24 months.

Corrective actions to address this deficiency include:

- (1) An amendment to LM Aero - Marietta's materials license (NRC No. 10-01425-16) will be submitted to increase the allowable cumulative quantity of tritium stored in inventory.
- (2) The manufacturer of the drogue refueling light, Model PD 42000, has been notified to immediately suspend shipments of refueling drogue lights until the amendment to the materials license has been appropriately approved by NRC authorities and a reduction in inventory is achieved to satisfy NRC compliance requirements.

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If you have any questions, please contact me at 770-494-2531.

Sincerely,



Neale A. Parkinson
Radiation Safety Officer

NAP:kac
(rem4/IH/nap/usreg062001)

cc: A. Miller, USNRC, Region II, Atlanta
J. A. Kohler, Site Director (ESH), LM Aero - Marietta
Radiation File

Approval:



Peter F. Kosowski
Manager, Safety and Health