

UNITED STATES NUCLEAR REGULATORY COMMISSION REGION V

1450 MARIA LANE WALNUT CREEK, CALIFORNIA 94596-5368

MAR - # 1992

Docket No.:

15000004

McDonnell Douglas Corporation Douglas Aircraft Company 3855 Lakewood Blvd. Long Beach, California 90846-0001

Attention:

Gerald W. Lancour, General Manager Safety, Health and Environmental Affairs

Thank you for your letter dated February 28, 1992 informing us of the steps you have taken to correct items which we brought to your attention in our letter dated December 24, 1991.

Your cooperation with us is appreciated.

Sincerely,

Robert J. Pate, Nuclear Materials and

Fuel Fabrication Branch

9302190062 920309 PDR STPRG ESGCA PDR

MAR - 9 1982 Docket No.: 15000004 McDonnell Douglas Corporation Douglas Aircraft Company 3855 Li kewood Blvd. Long Beach, California 90846-0001 Attention: Gerald W. Lancour, General Manager Safety, Health and Environmental Affairs Thank you for your letter dated February 28, 1992 informing us of the steps you have taken to correct items which we brought to your attention in our letter dated December 24, 1991. Your cooperation with us is appreciated. Sincerely. Robert J. Pate, Chief Nuclear Materials and Fuel Fabrication Branch bcc w/copy of letter dated February 28, 1992: Docket File Inspection File G. Cook R. Huey B. Faulkenberry J. Martin J. Zollicoffer State of California bcc w/o copy of letter dated February 28, 1992: M. Smith Region V/ann 55Ke KRicendergrast 3/6/92 SEND TO POR REQUEST COPY REQUEST RUPY NO NO

RECEIVED NRC REGION V

MCDONNELL DOUGLAS

Douglas Aircraft Company

February 28, 1992

1992 MAR -3 AM 11: 21

United States Nuclear Regulatory Commission Document Control Desk Washington, D.C. 20555

Re: Douglas Aircraft Company, Reply to Notice of Violation Docket No. 15000004

Dear Document Control Officer:

This will serve to respond to the above Notice of Violation (NOV). As requested, we outline the reasons for the violations, corrective steps taken and results achieved, as well as steps to be taken to prevent similar situations in the future and the date by which full compliance is achieved.

Please note that although the NOV identifies a number of violations, all of them resulted from a single event. Namely, the failure to follow existing procedures for the purchase and handling of radioactive materials. For this reason, the discussion that follows addresses the noted violations together.

Reason For The Violation

As stated above, the violations in question were caused by a failure to adhere to the requirements of our radiation safety program. The Douglas Aircraft Company's (DAC) Radiation Safety Program is established in our Safety Manual (Standard Process System (SPS) 062). Section 25 of this Manual, entitled "Ionizing Radiation - Radioactive Materials and X-Ray Operations", incorporates procedures and requirements for the purchase and handling of radioactive materials. Among others, Section 25 requires that all requests for purchase of radioactive materials be submitted to the Company's Radiation Safety Committee for approval. Section 25 also controls the storage of radioactive materials and requires that only authorized and trained individuals handle these materials. Due to an oversight when the tritium drogue lights were purchased, the procedures set forth in the referred Manual were not followed. Adherence to this internal process would have ensured compliance with the cited NRC regulations.

Corrective Steps Taken

To correct the noted violations, the Company's KC-10 Program has modified the design of the drogue assembly to eliminate the requirement for tritium lights. The Company's customer, the

9202060036 CA 90845-0001 (213) 593-5511 TELEX 57-4257

3855 Lakewood Blvd., Long Beach, CA 90846-0001 (213) 593-5511 TELEX 67-4357

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United States Air Force, has approved the design modifications. At this point, the tritium lights are no longer an integral component of the drogue. The lights have been deemed surplus with no further function within the DAC KC-10 Program. The lights have been accounted for, collected, packaged, and returned to England under an NRC general license to export (10 CFR 110.23 (a) (2)). The enclosed documentation verifies the exportation to the original vendor. Steps Taken to Prevent Future Violations A number of steps have been taken to improve the effectiveness of our overall management control system to prevent a recurrence of this situation. Among other, meetings have been held with the relevant Departments to discuss this matter and identify any "loopholes" in the system as well as needed corrective action. As a result, DAC's Supplier Management Division has been formally advised of the situation and it has been requested that the provision of Section 25 be incorporated into their internal buying procedures. In addition, the Packaging Engineering (receiving) Department has been advised to review and modify their operating instructions to ensure the proper notifications as specified in Section 25. Date of Full Compliance Full compliance has already been achieved through the design modification discussed above and by returning the lights to the vendor in England. Gerald W. Lancour General Manager Safety, Health & Environmental Affairs Enclosure cc: Regional Administrator U.S. Nuclear Regulatory Commission Region V 1450 Maria Lane Walnut Creek, CA 94596-5368 Robert Pate, Chief Nuclear Materials and Fuel Fabrication Branch U.S. Nuclear Regulatory Commission Region V 1450 Maria Lane Walnut Creek, CA 94596-5368

SHIP TO

FLIGHT REFUELING LTD. BROOKS ROAD

WIMBORNE, DORSET BH21 28J ENGLAND, UNITED KINGDOM

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DAC 48-3 (REV. 13-68)

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LONG BEACH, CALIFORNIA 90846 Date 02-20

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Consigned to

FLIGHT REFUELING LIMITED

BROOKS ROAD

Destination

WIMBORNE, DORSET BH21 2BJ

State of

County of

Route

ENGLAND, UNITED KI. JOOM ATTN: D. STEVENS/CUSTOMER SUPPORT

VIA: SCHENKERS INTERNATIONAL

Delivering Cerrier Car Initials Car No. Subject to Section 7 of condition.

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NOTE:-Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

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CITY DAX COUNTY DAX STATE DAY TRANSPORTATION EXP. HAN CHG.

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