

GENERAL DYNAMICS

Land Systems Division

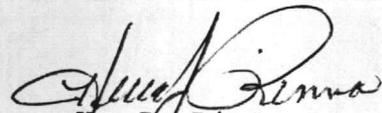
P.O. Box 527, Warren, Michigan 48090

Inter-Office Memo

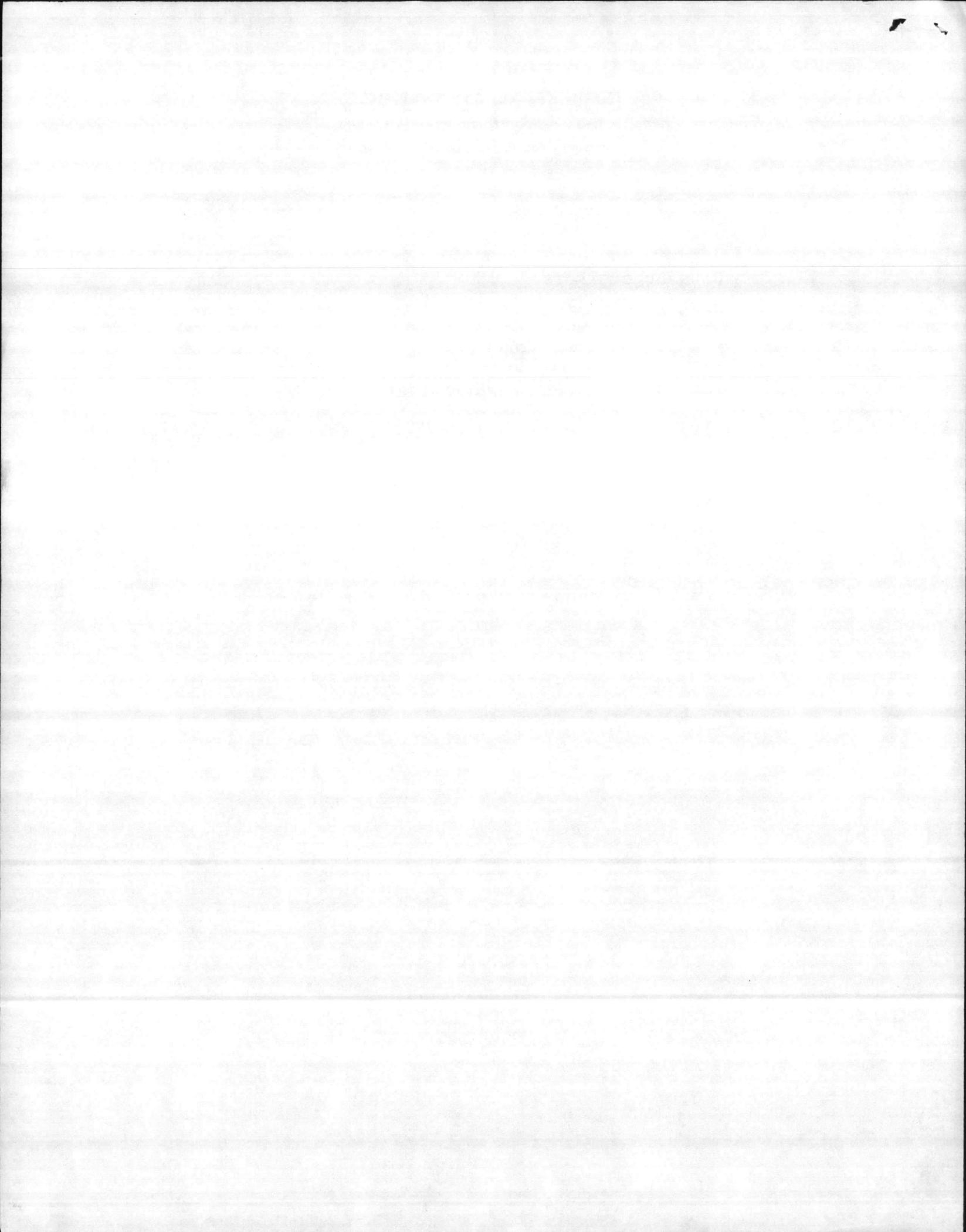
HJR/86-58
15 May 1986

To: Site Supervisors
xc: F. Bryan, R. Wagner
Subject: DIP A-4 Circuit Card
Reference: IOM HJR/45 dated 24 April 1986

1. Attached is a letter from Engineering addressing a potential problem that was surfaced by Mr. J. Copeland, Test Engineer at Fort Knox.
2. Mr. G. Weber states that a failure of the hull distribution manifold would not cause any secondary damage, etc.


H. J. Rinna
Supervisor
Field Activities

HJR/km



GENERAL DYNAMICS

Land Systems Division

P.O. Box 1901, Warren, Michigan 48090

Inter-Office Memo

GCW:il/86-89
12 May 1986

To: J. C. O'Rourke

xc: F. Bryan, J. Copeland, R. A. Daniel,
P. L. Erickson, R. J. Kucera, G. J. Payne

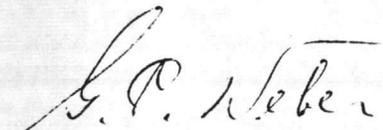
From: G. C. Weber

Subject: Driver Instrument Panel (DIP) A-4 Circuit
Card Failures

References: 1) Failure Analysis Report, P/N 12287552,
DIP-A4 Card dated 24 March 1986

2) I.O.M. JWC/cr: 86-076, dated 2 May
1986, from J. Copeland to R. A. Daniel,
Subject DIP A-4 Circuit Card Failure
Summary

1. The referenced letter and report both note the dump valve in the hull distribution manifold as a potential failure of a safety-related item. The letter further goes on to state that a failed valve could "cause secondary failure of the hydraulic pump, accessory gearbox, engine, or even a hydraulic fire if certain conditions are met."
2. The dump valve is to protect the pump but its own failure does not endanger or cause secondary failures as noted. The valve "fails safe" to protect the noted secondary failure. Its shorting out will, however, cause the noted DIP-A4 card failure.


G. C. Weber

