

C-95 SKEWER TESTING - REQUEST FOR ANALYSIS

TO: TERI AND QWEISER
FROM: GREGG RASOR DQE
CC: E. FERRERA, D. CHAVEZ, R. BARNER

DATE: 10/07/96
FILE #: C95-006

PLEASE PROVIDE ANALYSIS OF SUBJECT TIRE LISTED BELOW. TIRE IS LOCATED AT QA ANALYSIS AREA - STEEL PRODUCTS. ADDITIONAL SUPPORTING TEST DATA AS REQUIRED IS ATTACHED.

RETURN YOUR REPORT WITH SUGGESTED ENGINEERING CORRECTIVE ACTIONS TO GREGG RASOR - DQE WHEN ANALYSIS IS COMPLETE.

OCCURRENCE INFORMATION:

TIRE SIZE: F235/75R15 TYPE: MILITARY AT
PLANT: Decatur DOT: VD-336
TEST NAME: High Speed (USA) TEST #: J22510 / J22511
RESULT: 7 MW @ 112 mph TARGET: 10 MW @ 112 mph (S)
8 MW @ 112 mph
COMMENT: Retest of 2 additional tires (VD-386) - 8 MW @ 112 mph
- 10 MW @ 112 mph

ANALYSIS RESULT:

High Speed failure caused by heavy lower sidewall
CTS and USA Spec was modified by adding dimension
for BW1. Confirmation testing to take place in February.
(See attached USA spec, CTS copies, & confirmation test data)

SPECIAL ANALYSIS PERFORMED

SECTION ANALYSIS: _____ RESULT: _____
COMPOUND ANALYSIS: _____ RESULT: _____
REINFORCEMENT ANALYSIS: _____ RESULT: _____
OTHER: _____ RESULT: _____

DQE SIGNATURE: GRasor CLOSED DATE: 01/01/97

REDACTED