

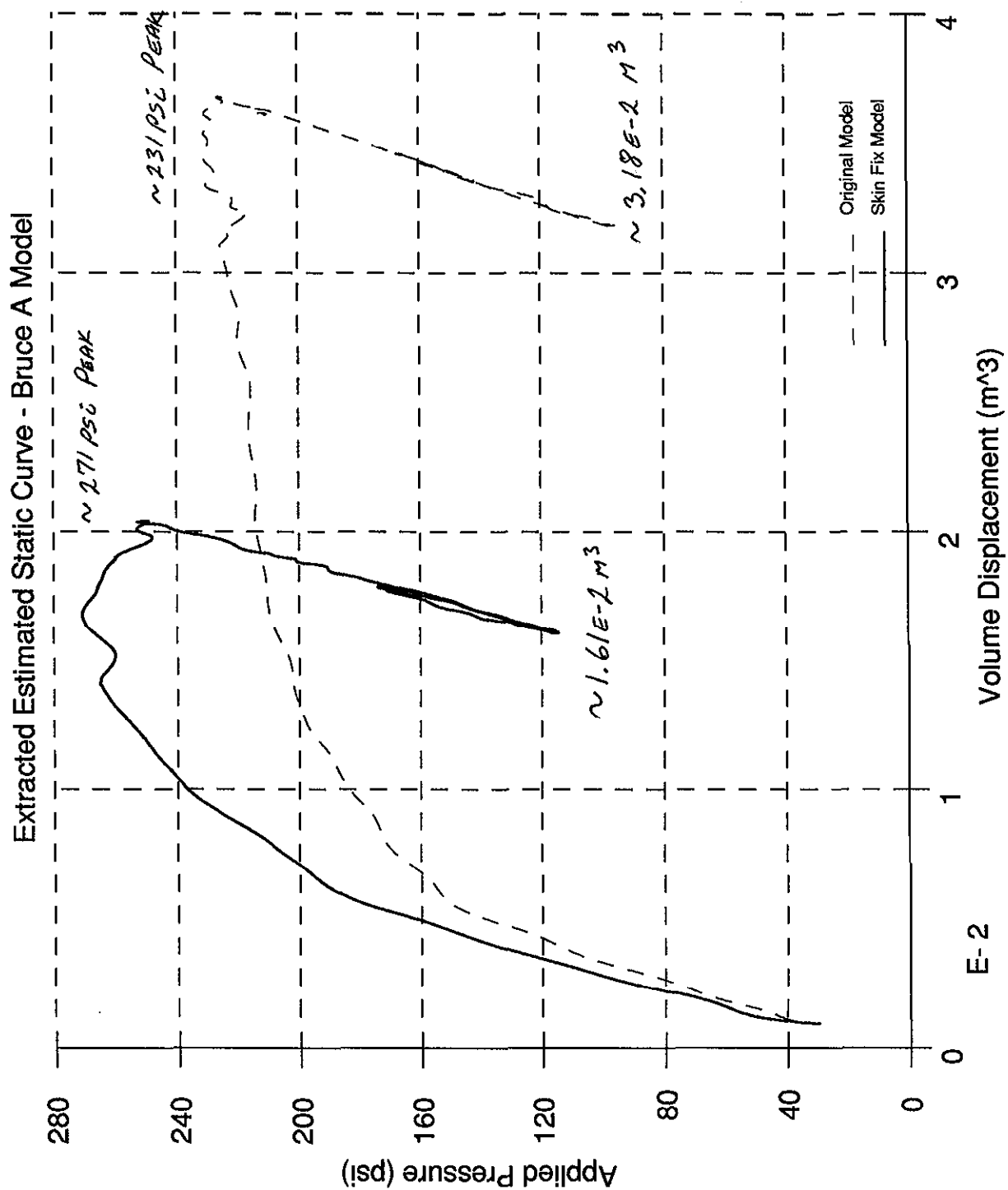
Appendix E

Interactive LOCA Analysis - Case1D

This appendix contains:

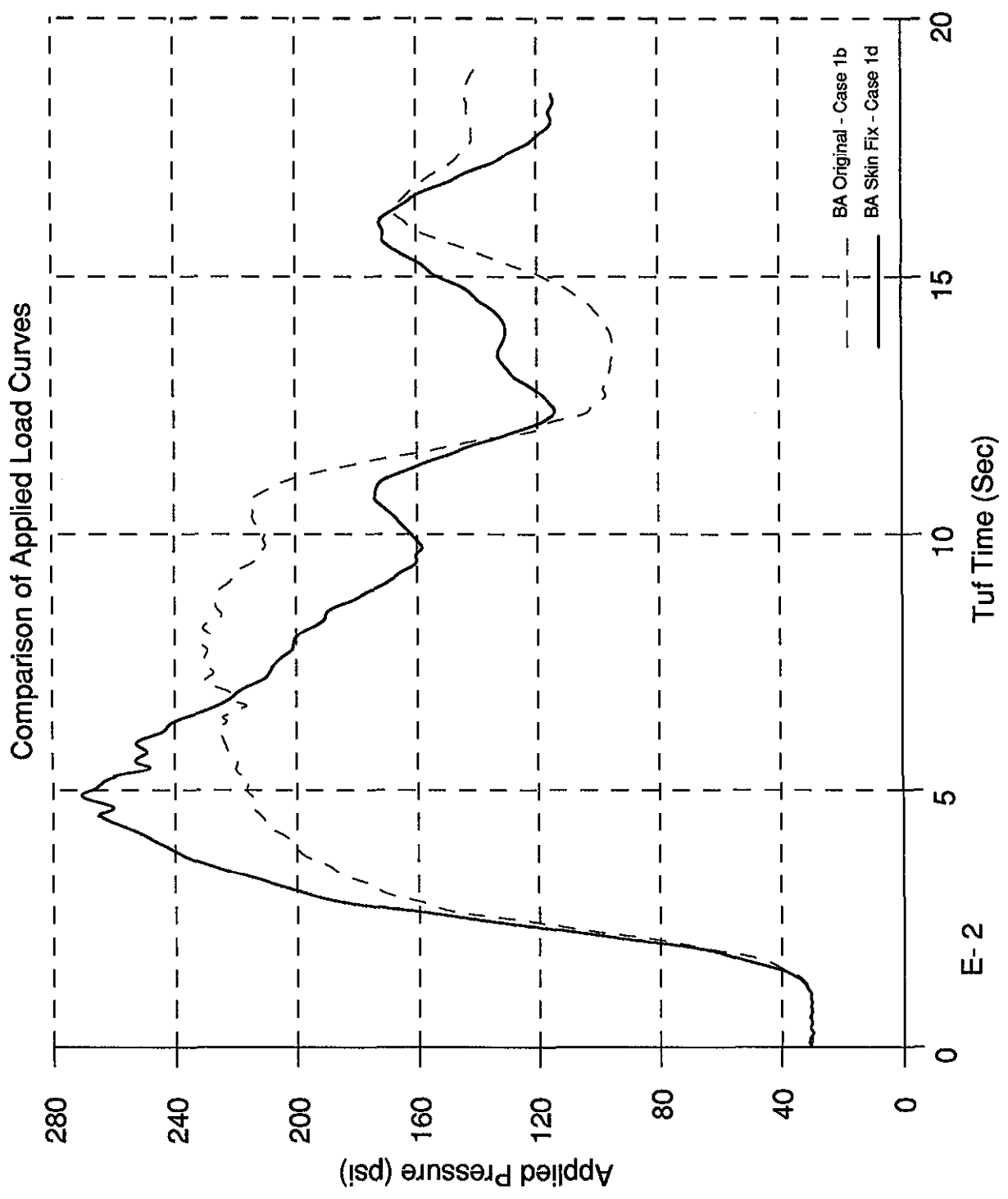
| Item | Description | Page |
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| E-03 | Figure: Comparison of Applied Load Curves | E-03 |
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| E-06 | Figure: Maximum and Minimum Displacement over Time | E-06 |
| E-07 | Figure: Maximum and Minimum Velocity over Time | E-07 |
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| E-31 | Figure: Dog Clamps and Seat Bar Mises Plots | E-31 |

D42F:\BASKIN.BA.FIX\26-NOV-97 09:24:43;from stat.CASE1D



Item E-02 : Figure: Comparison of Extracted Estimated Static Curves

D42F:[BASKIN.BA FIX]26-NOV-97 09:05:48;from case1d_dp_tuf.all

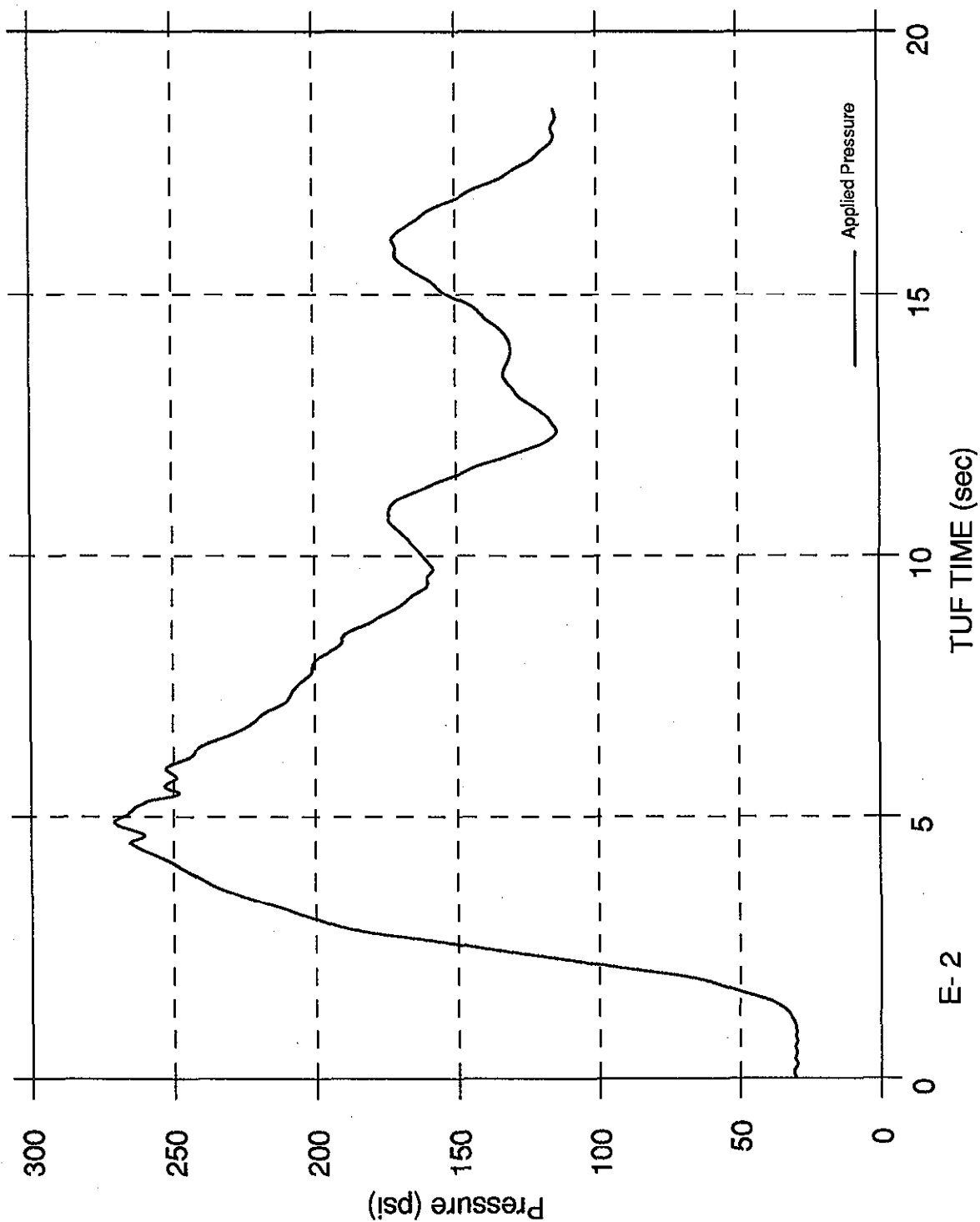


Item E-03 : Figure: Comparison of Applied Load Curves

E-4

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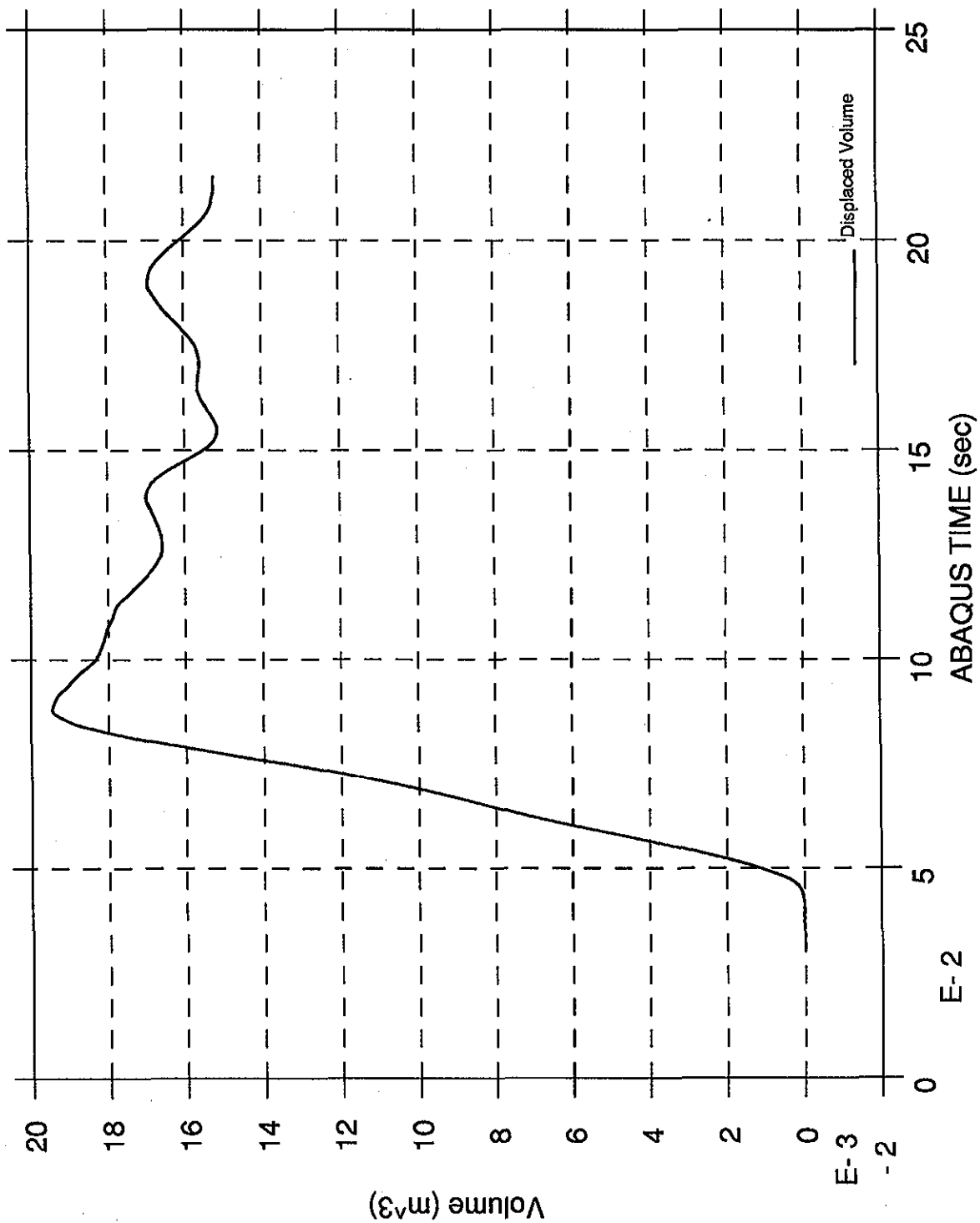
Fig. 1: MONITOR TUF Applied Pressure



Item E-04 : Figure: Applied Load Curve

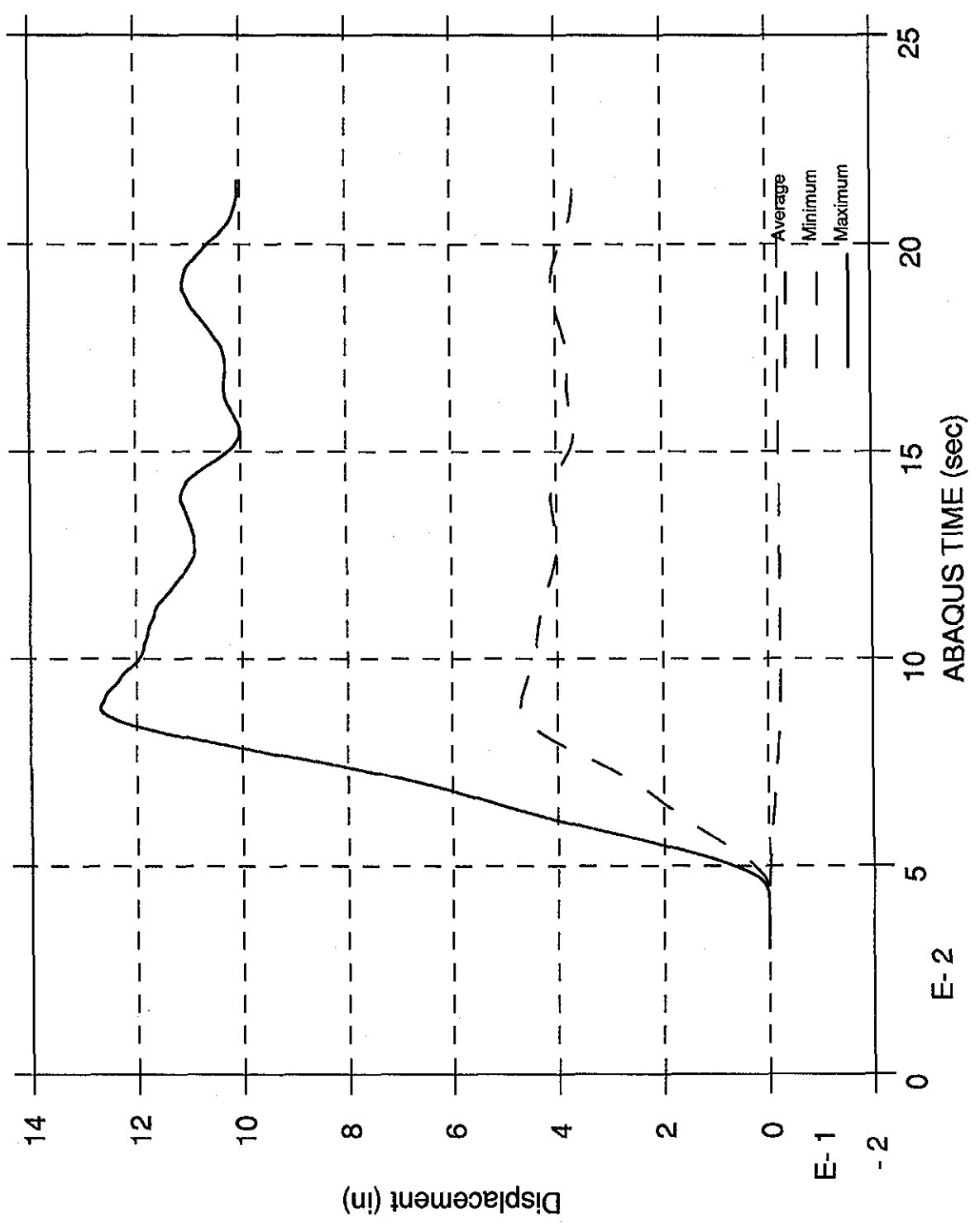
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Fig 2: MONITOR Volume Displaced



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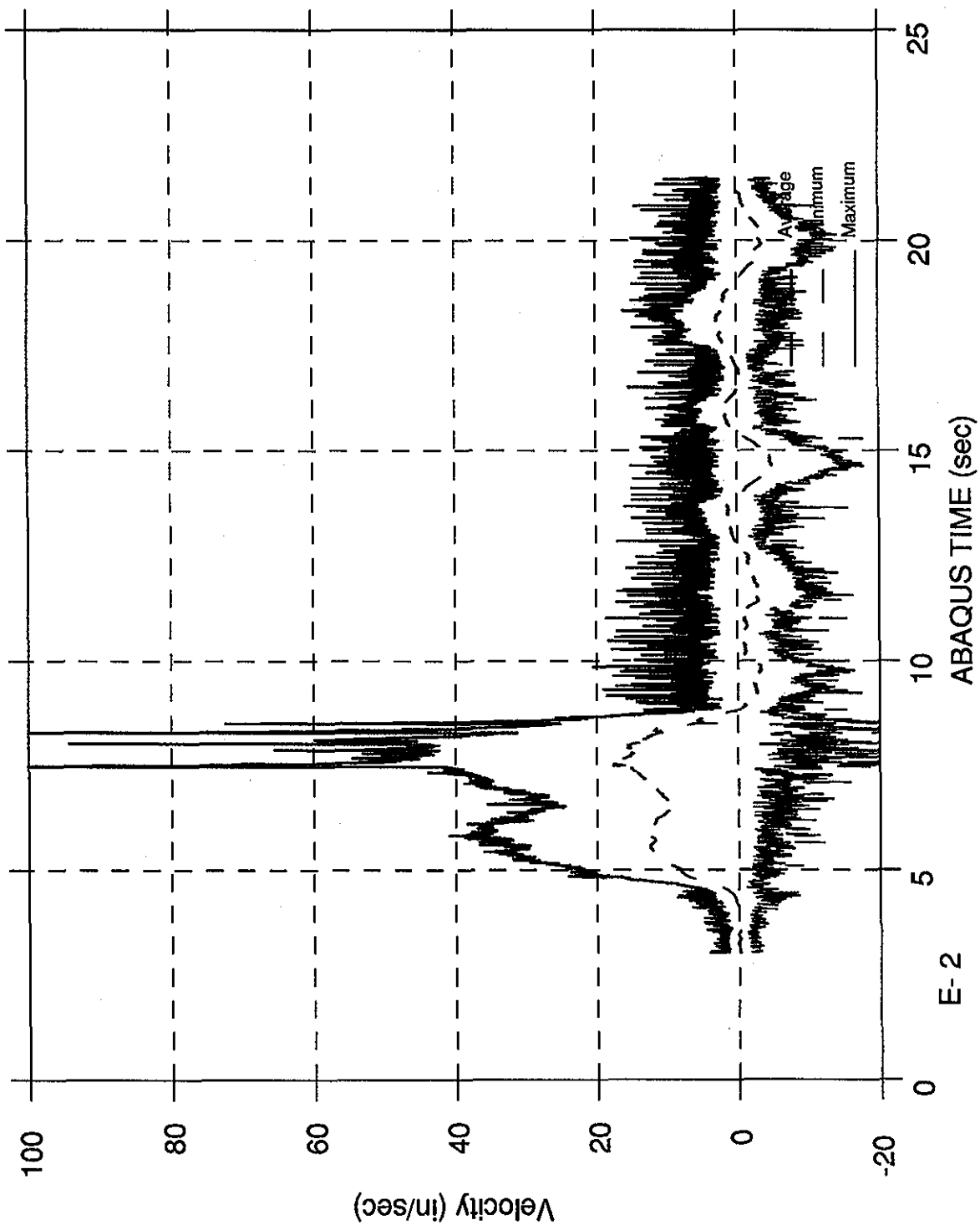
Fig. 3: MONITOR Displacement



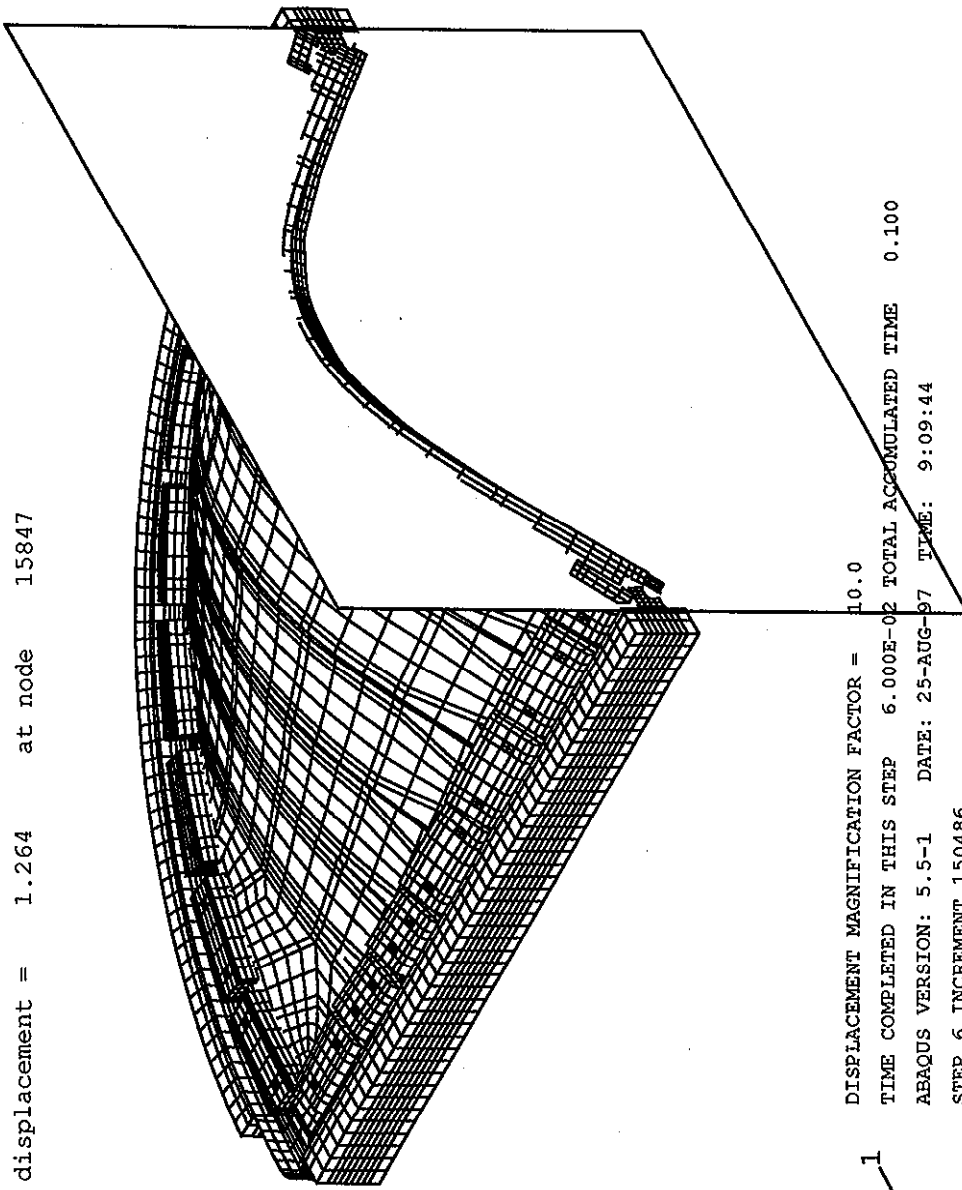
Item E-06 : Figure: Maximum and Minimum Displacement over Time

D42F:\HXIE.BA\FIX\15-SEP-97 11:43:11;from CASE1D.vd_vel

Fig. 4: MONITOR Velocity



Item E-07 : Figure: Maximum and Mininum Velocity over Time



Item E-08 : Figure: Overall displacement Plot

STRESS::HXIE

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CASE1D_C_BBXY2.PS;1

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Item E-17 : Figure: Bolt Plastic Strain History

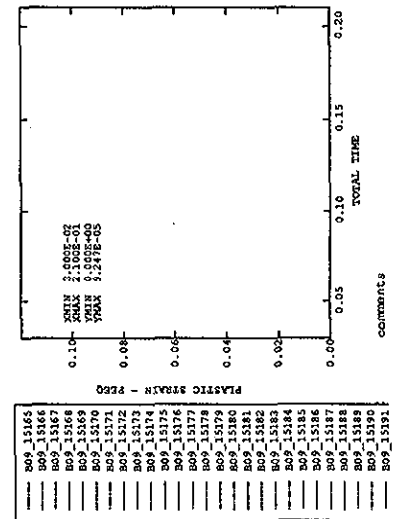
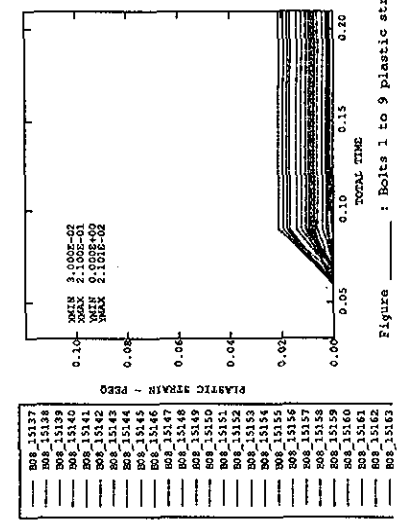
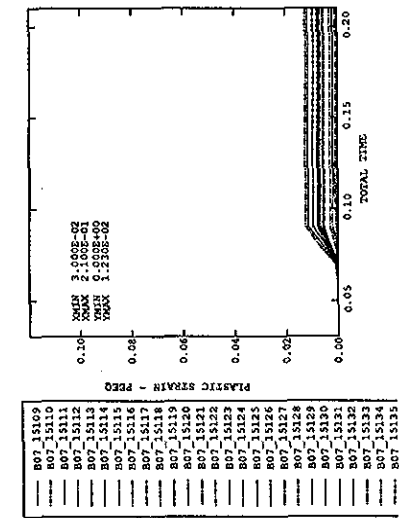
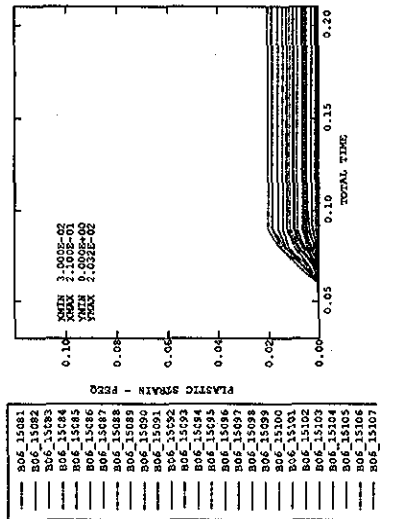
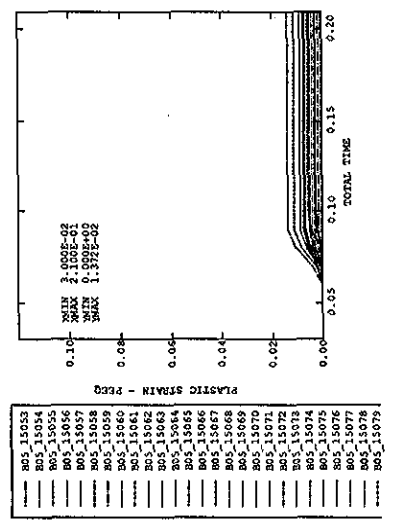
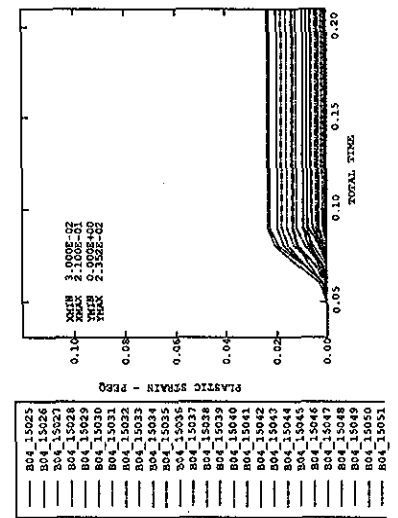
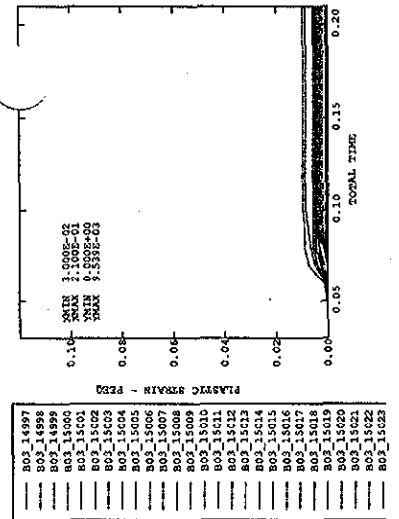
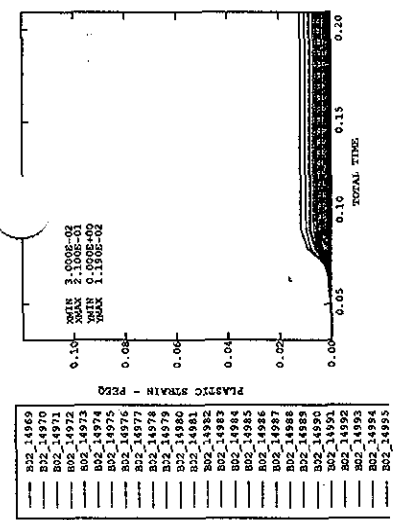
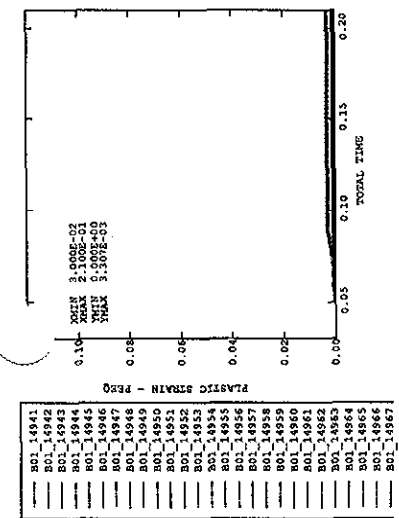


Figure : Bolts 1 to 9 plastic strain time histories

comments

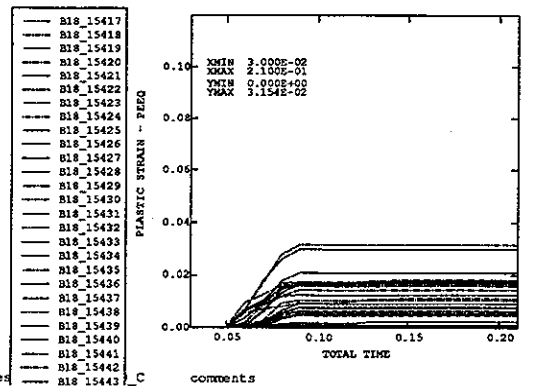
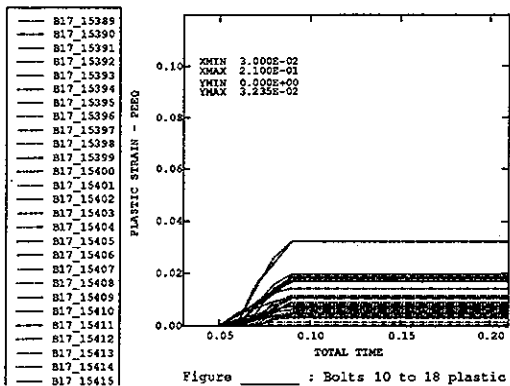
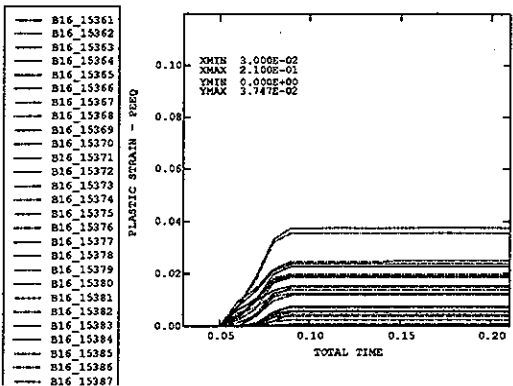
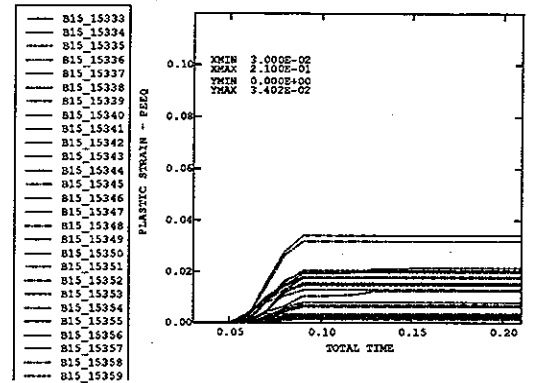
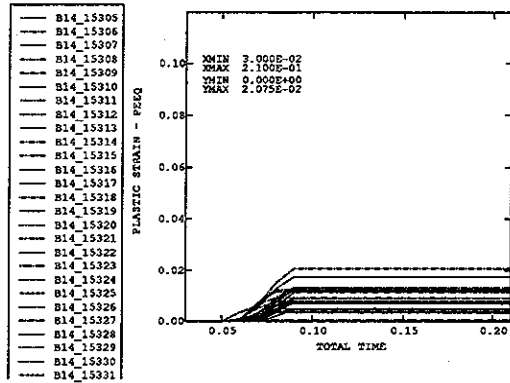
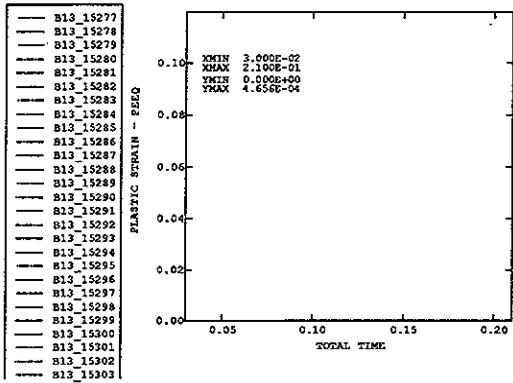
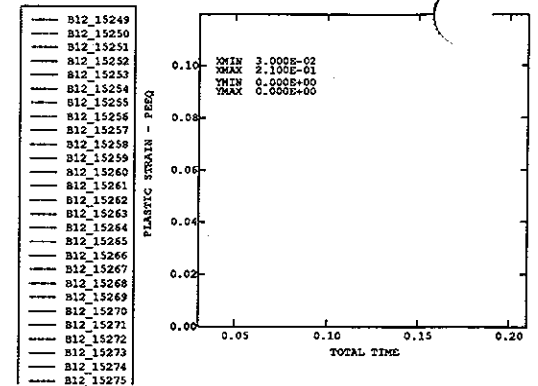
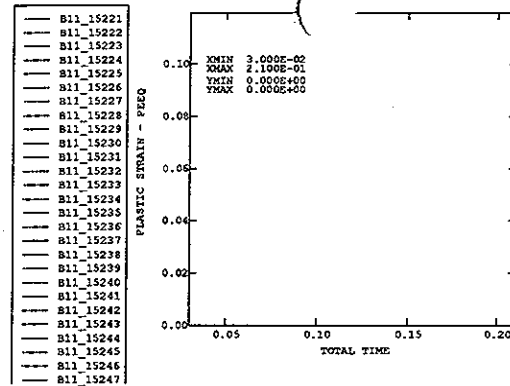
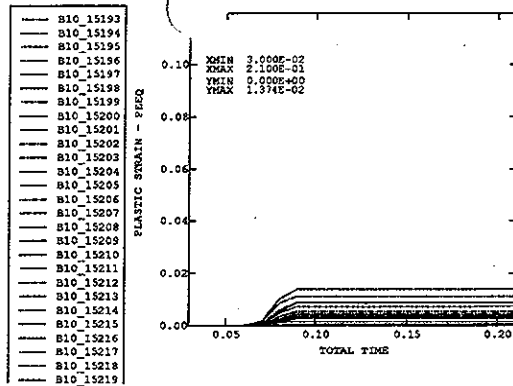


Figure : Bolts 10 to 18 plastic strain time histories

comments

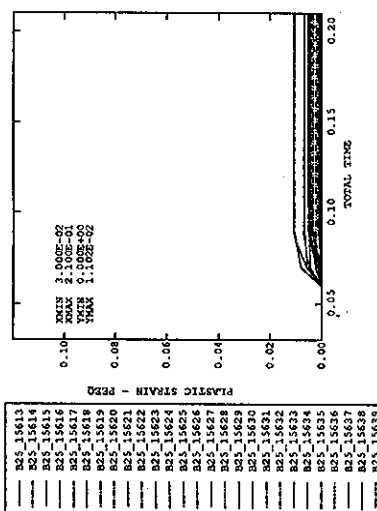
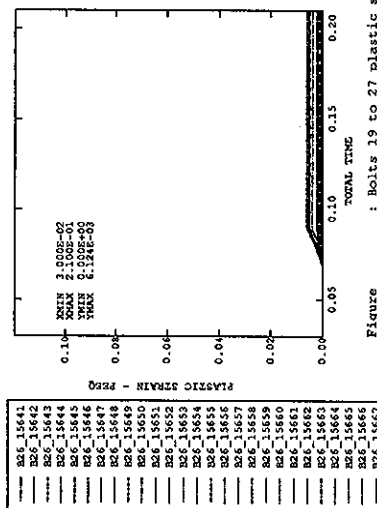
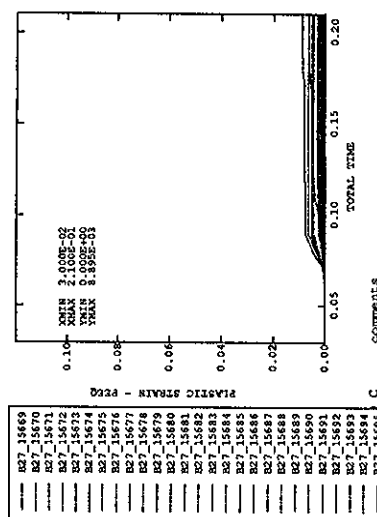
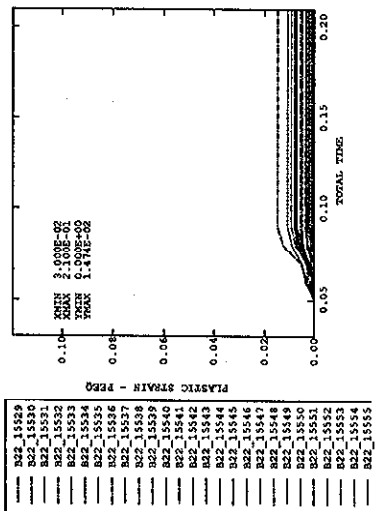
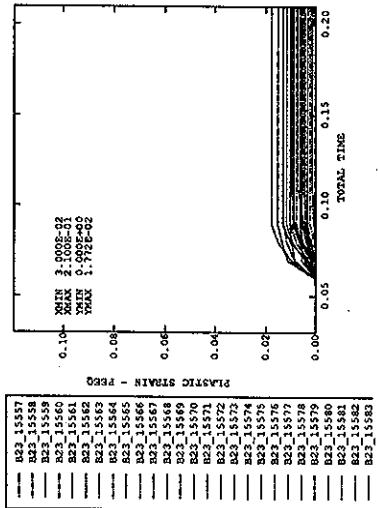
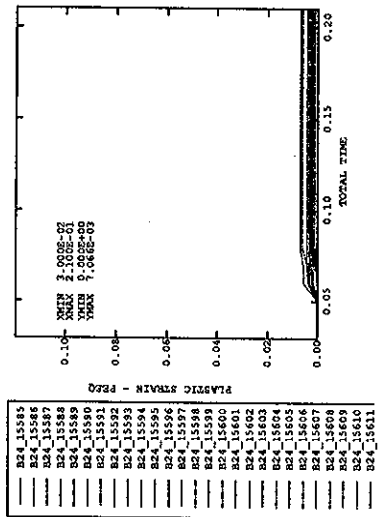
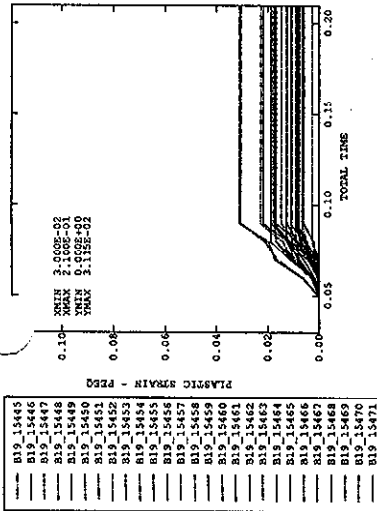
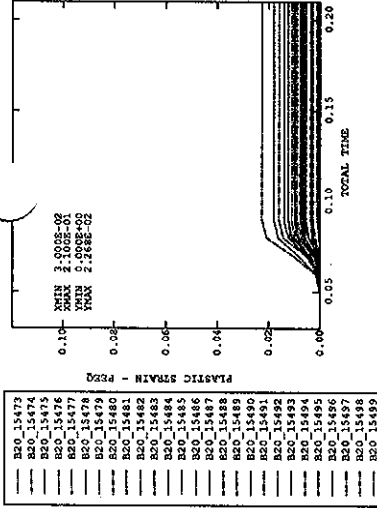
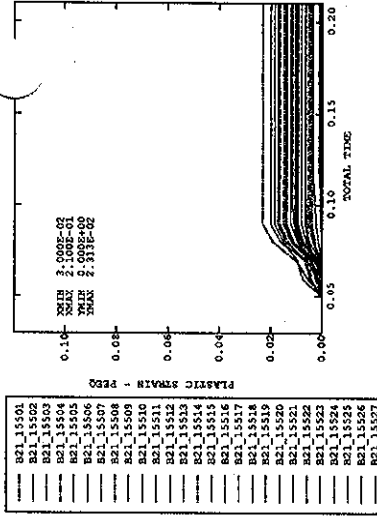


Figure : Bolts 19 to 27 plastic strain time histories

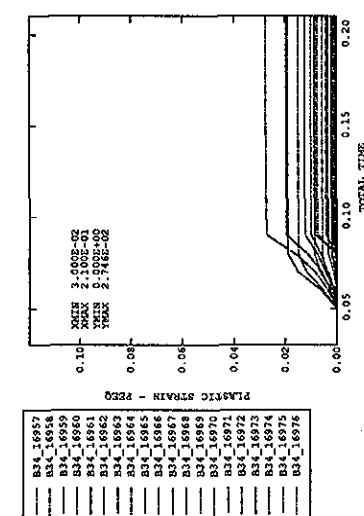
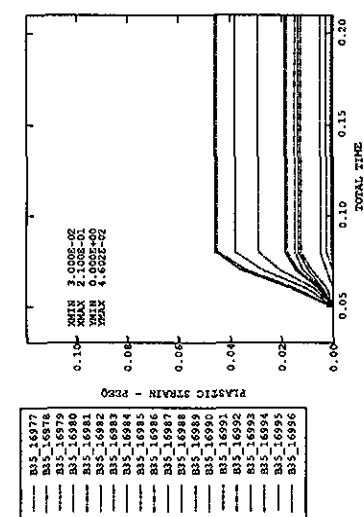
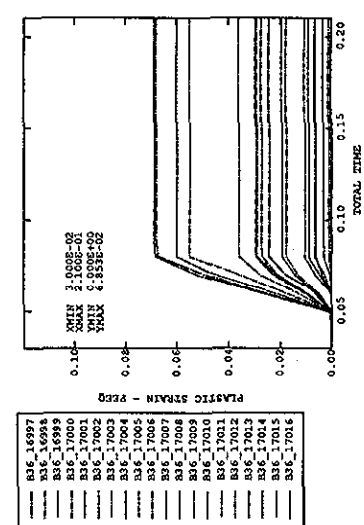
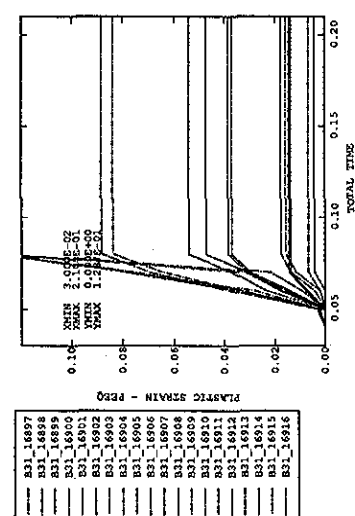
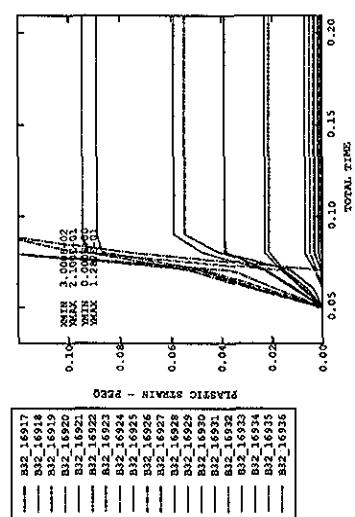
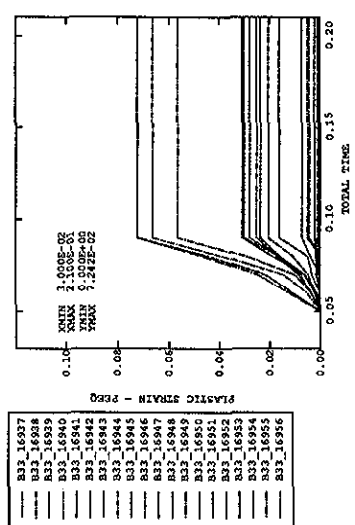
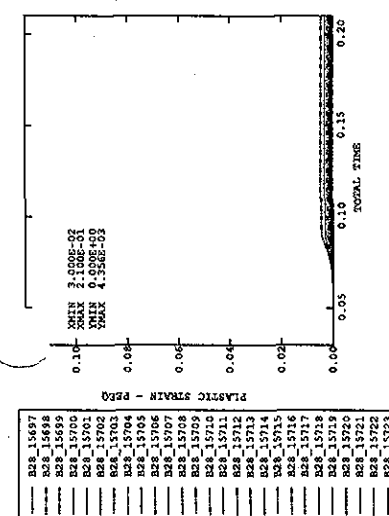
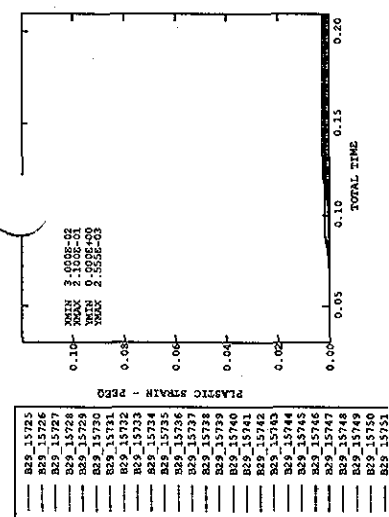
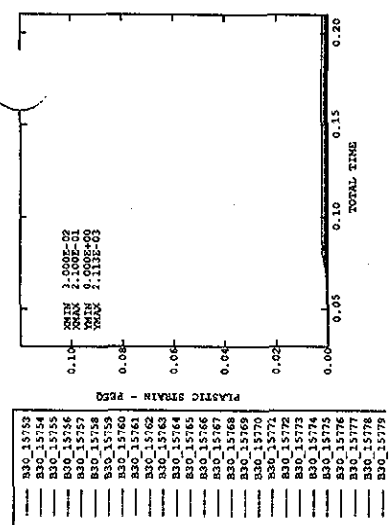


Figure : Bolts 28 to 36 plastic strain time histories - run CS30ID_C comments

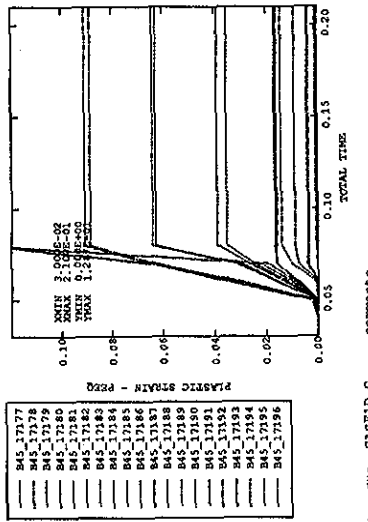
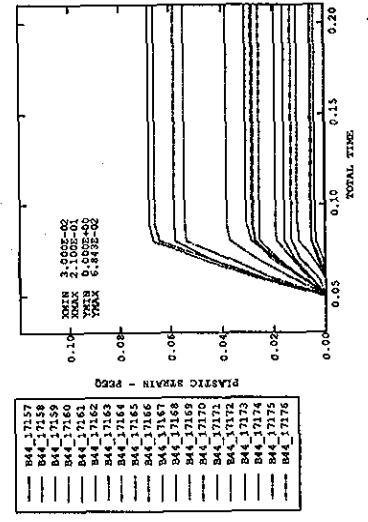
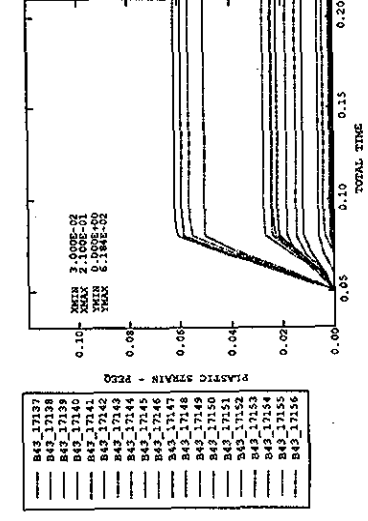
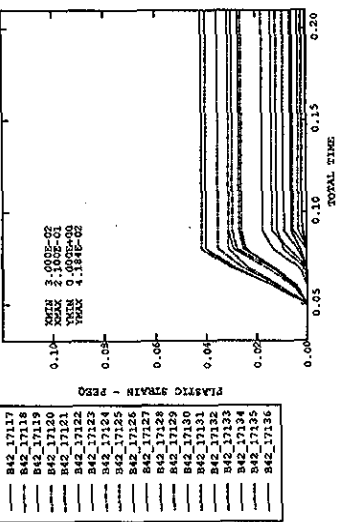
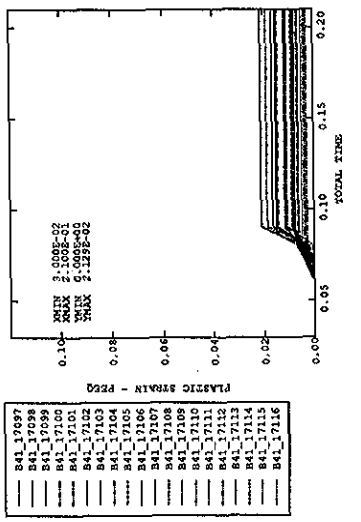
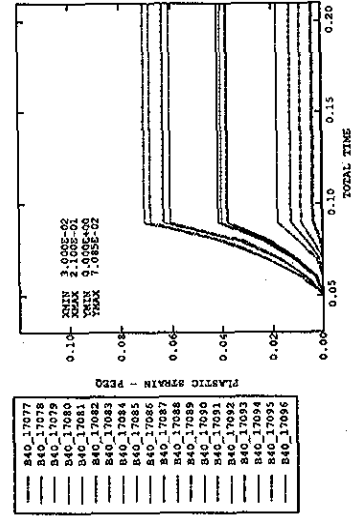
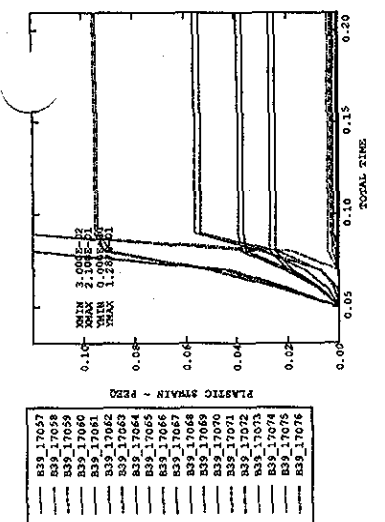
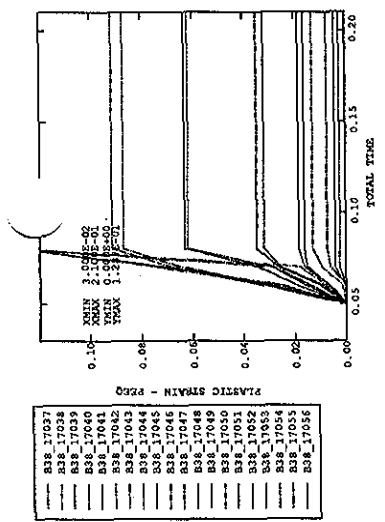
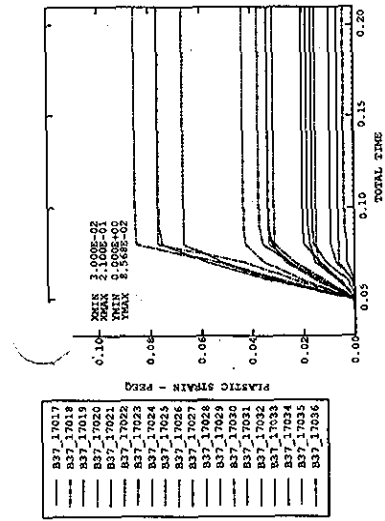


Figure : Bolts 37 to 45 plastic strain time histories - run CASEID_C

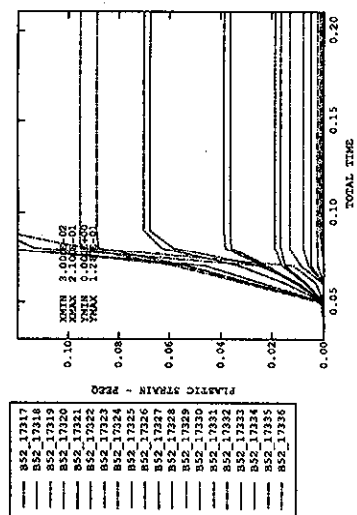
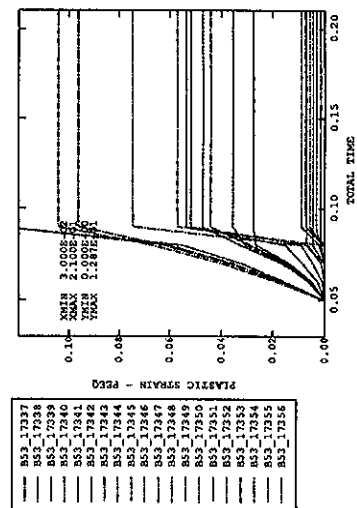
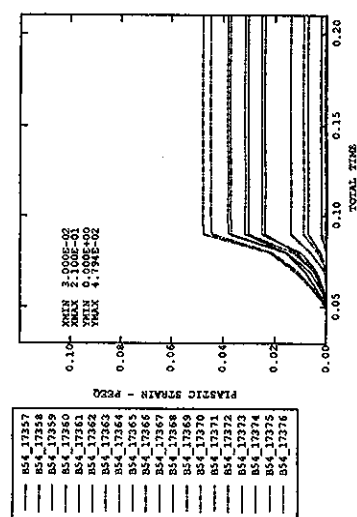
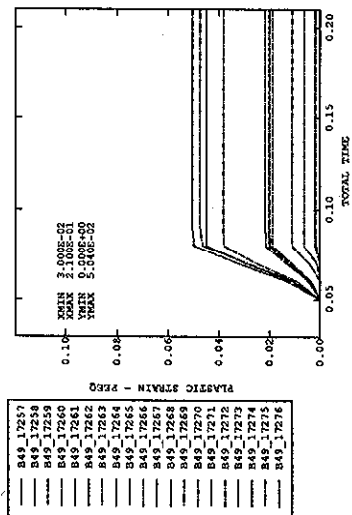
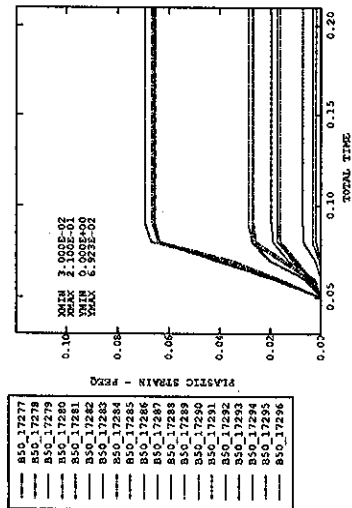
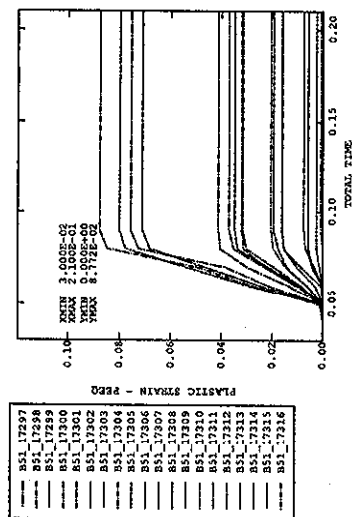
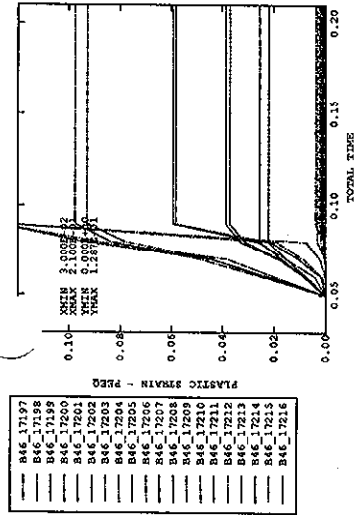
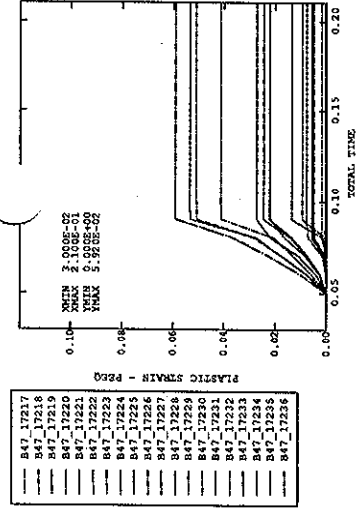
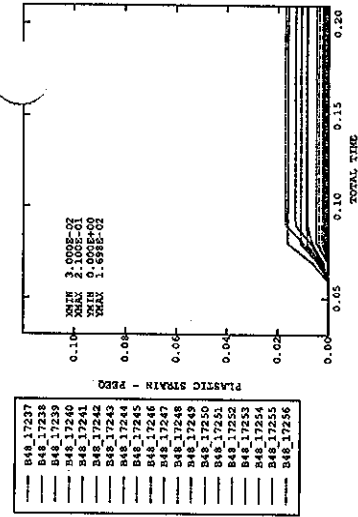


Figure : Bolts 46 to 54 plastic strain time histories - run CASEID_C

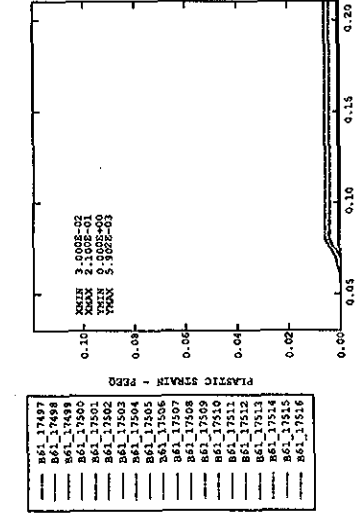
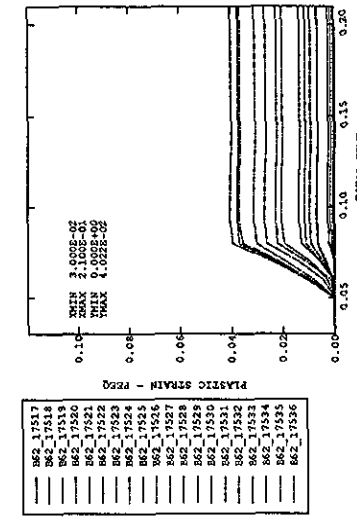
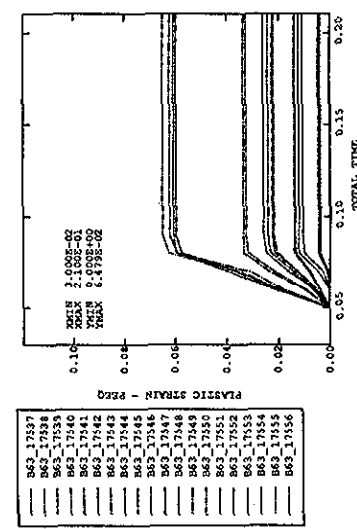
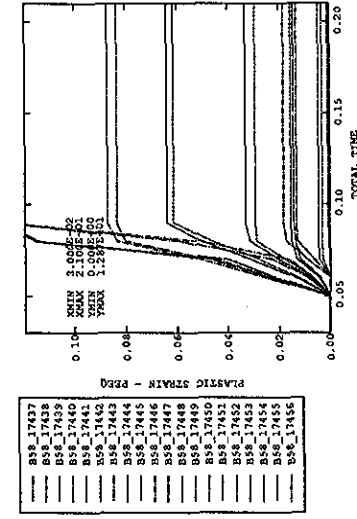
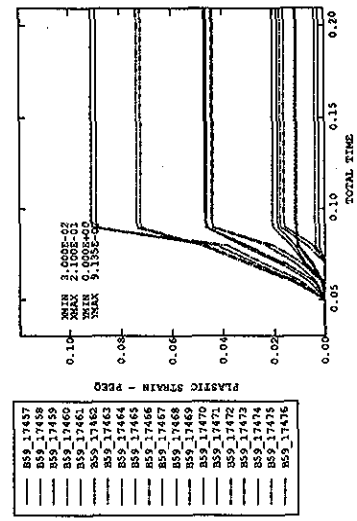
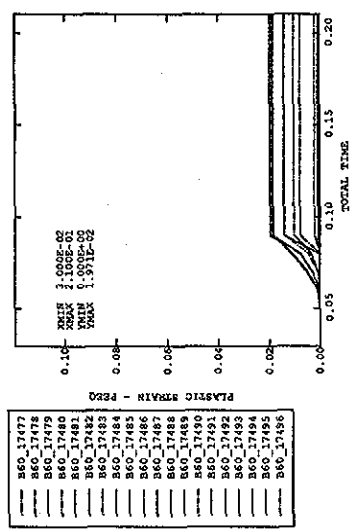
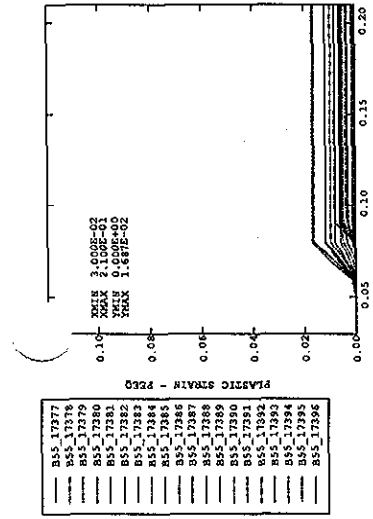
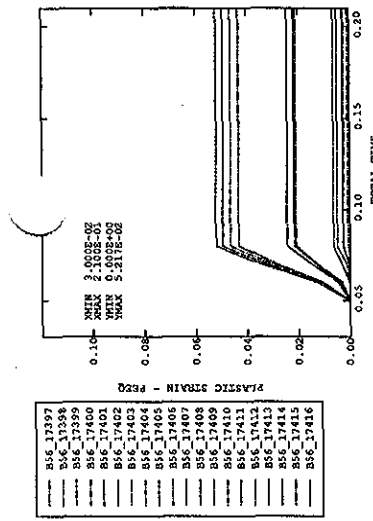
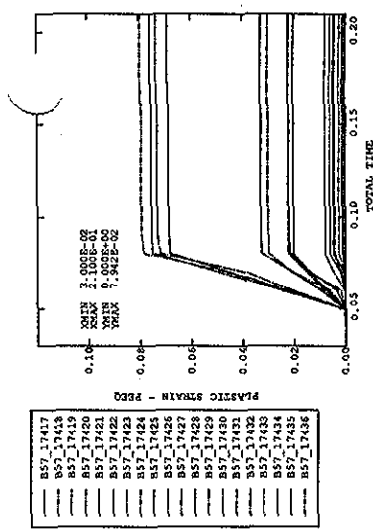


Figure : Bolts 55 to 63 plastic strain time histories - run CASE1D_C

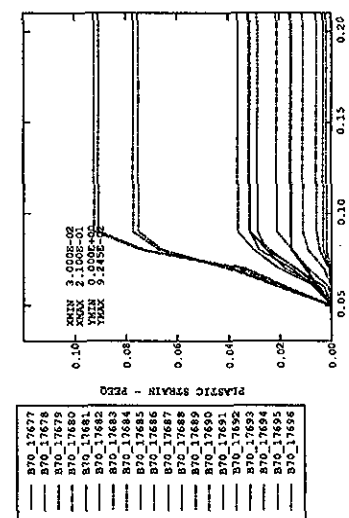
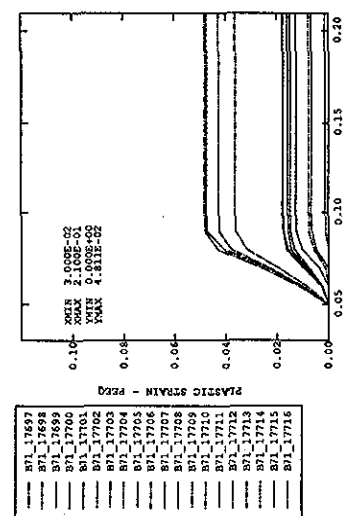
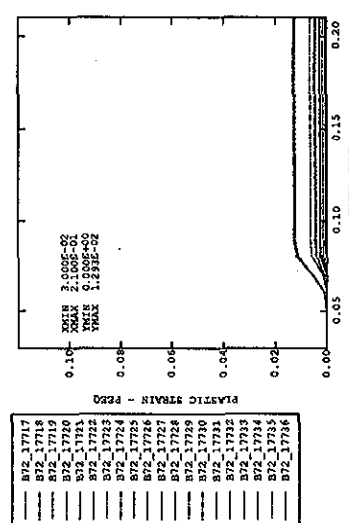
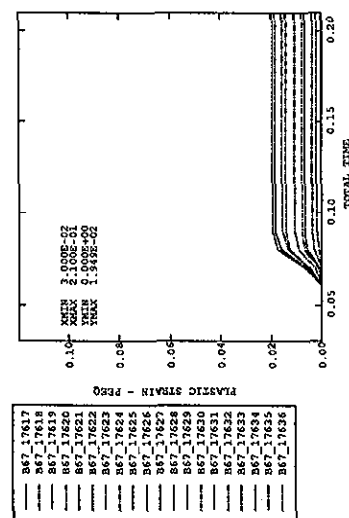
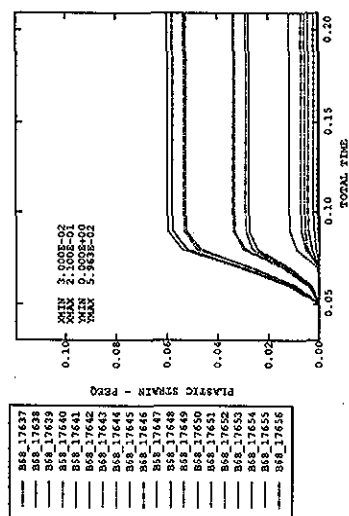
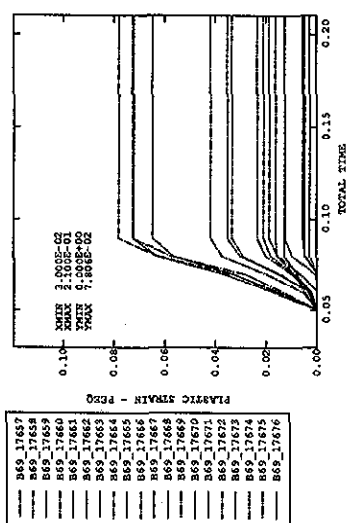
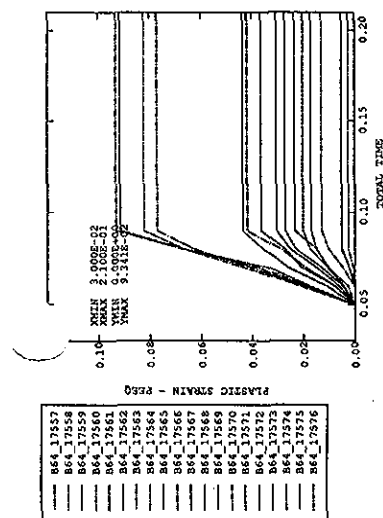
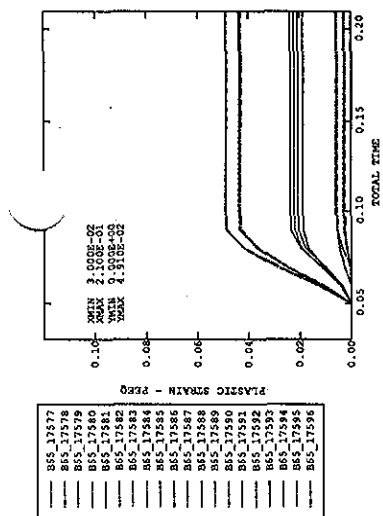
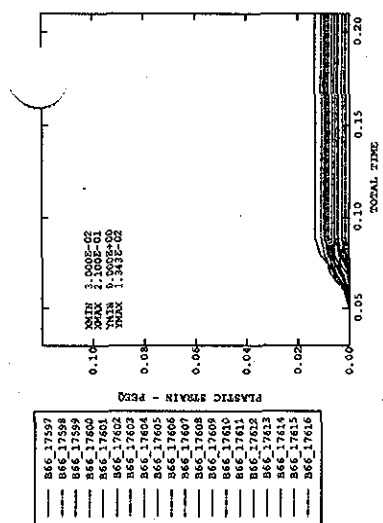


Figure 1: Bolts 64 to 72 plastic strain time histories - run CASE10_C

comments

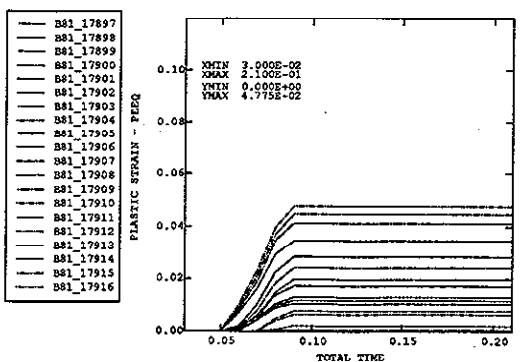
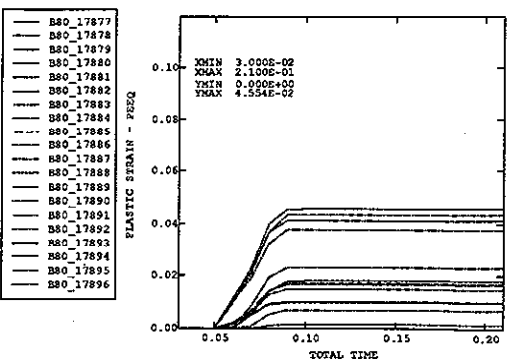
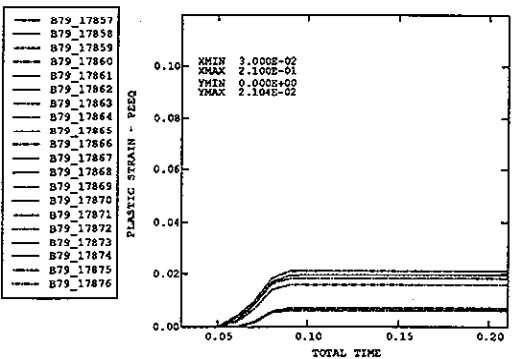
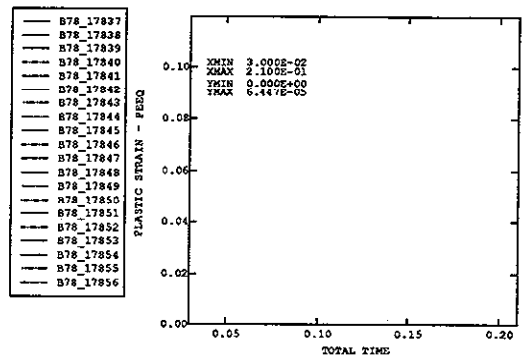
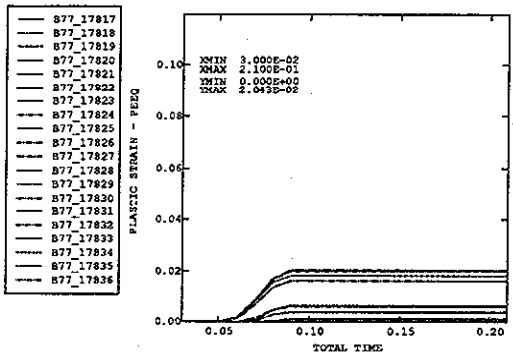
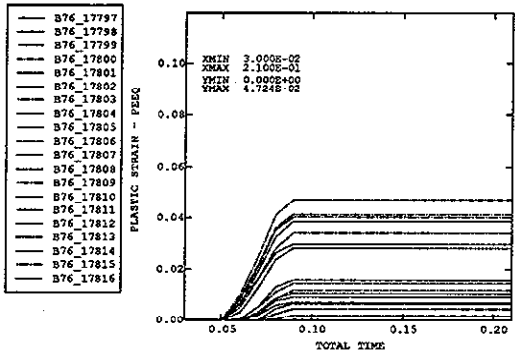
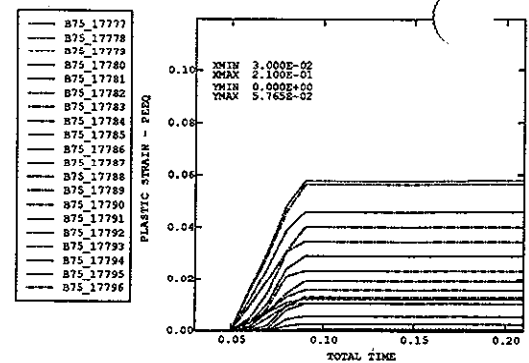
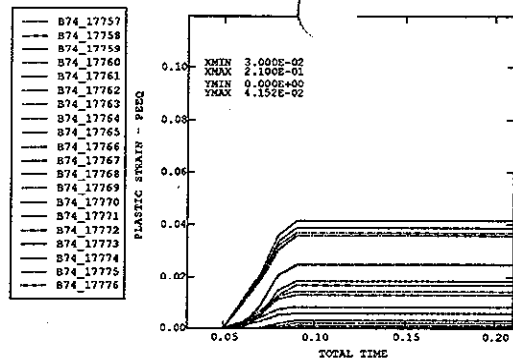
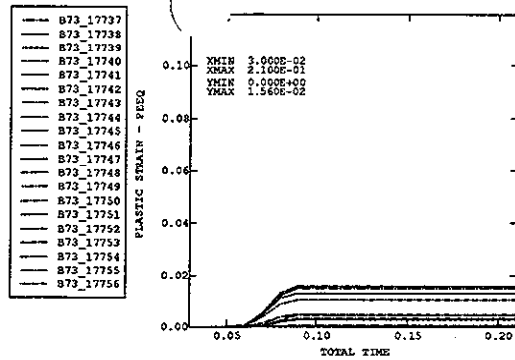


Figure _____ : Bolts 73 to 81 plastic strain time histories - run CASE1D_C

comments

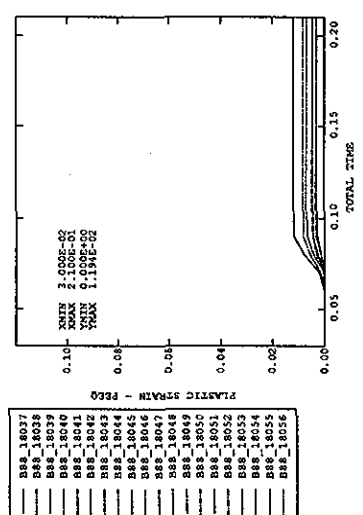
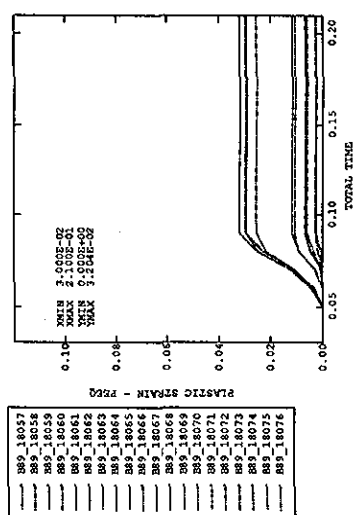
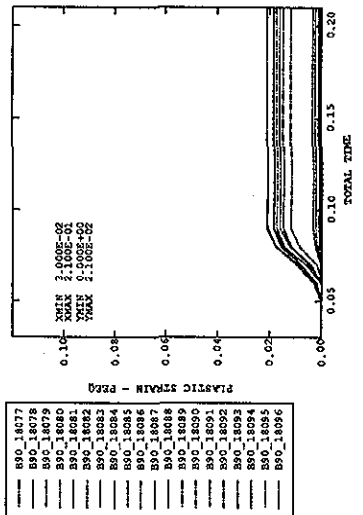
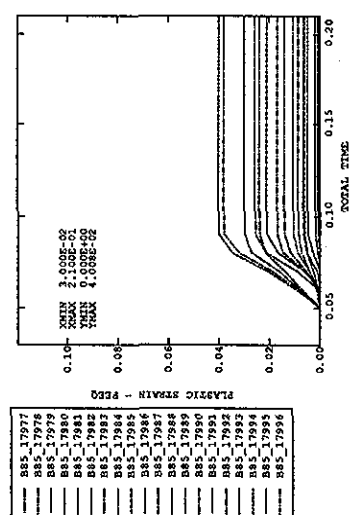
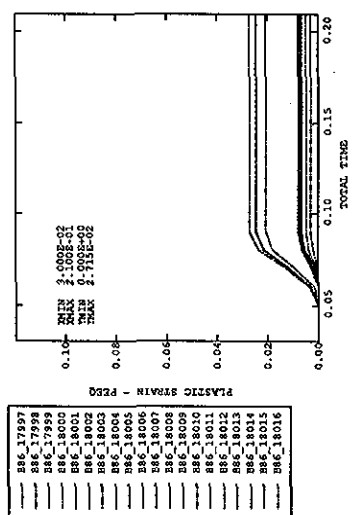
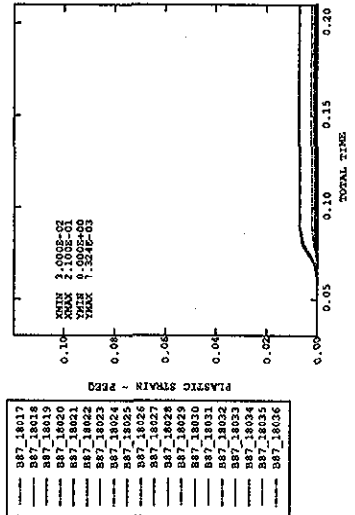
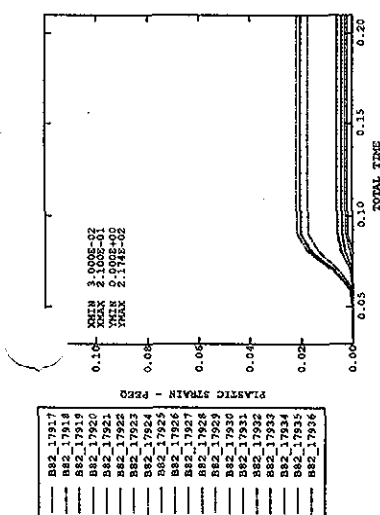
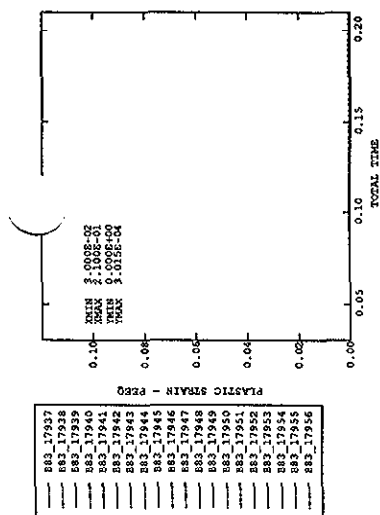
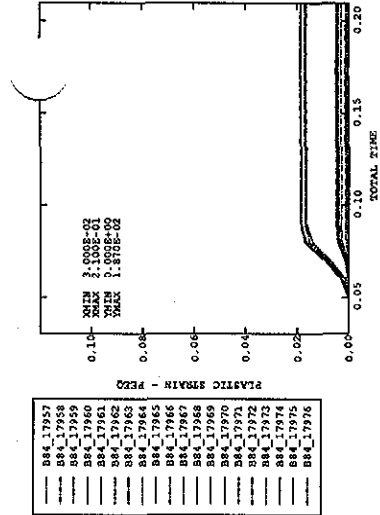


Figure : Bolts 82 to 90 plastic strain time histories - run CASE1D_C

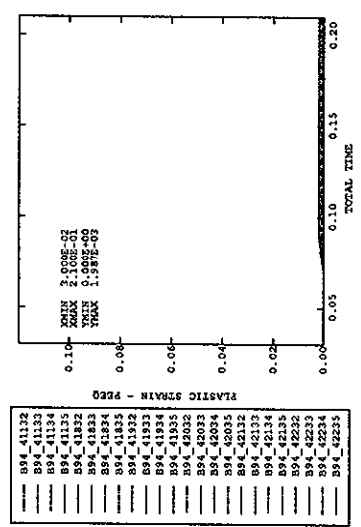
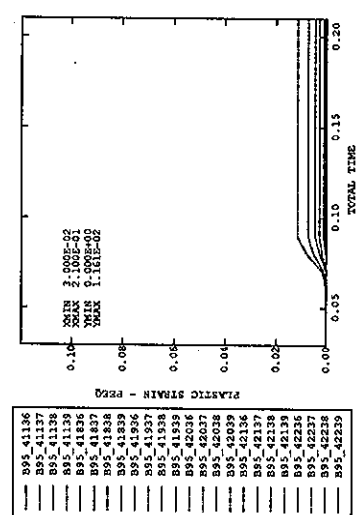
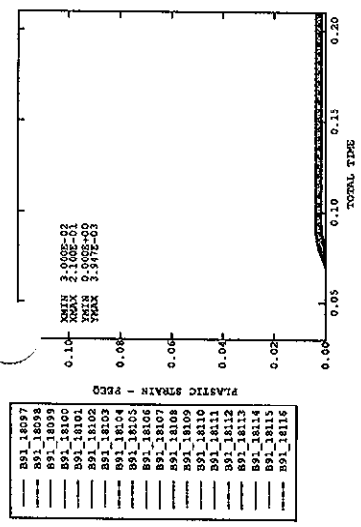
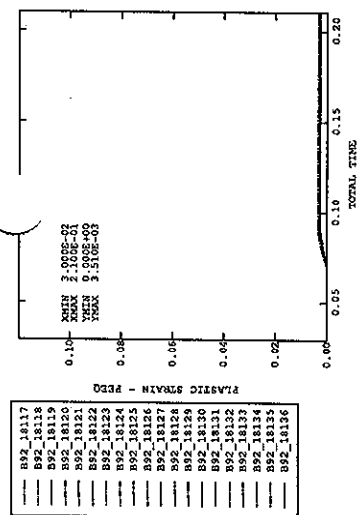
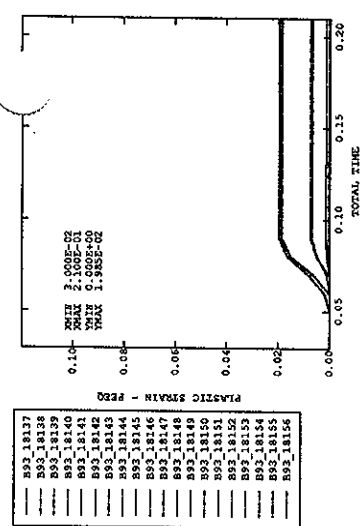
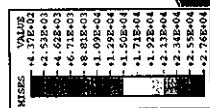


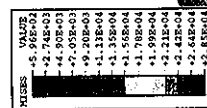
Figure : Bolts 91 to 95 plastic strain time histories - run CASEID_C

Maximum value = 2.7651E+04 at node 32304
Minimum value = 437.1 at node 19026



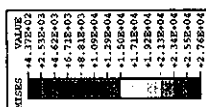
DISPLACEMENT MAGNIFICATION FACTOR = 1.00
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ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486

Maximum value = 2.8589E+04 at node 66166
Minimum value = 596.2 at node 82830



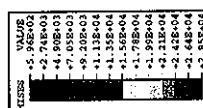
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STEP 6 INCREMENT 150486

Maximum value = 2.7651E+04 at node 32304
Minimum value = 437.1 at node 19026



DISPLACEMENT MAGNIFICATION FACTOR = 1.00
TIME COMPLETED IN THIS STEP 6.000E-02 TOTAL ACCUMULATED TIME 0.100
ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486

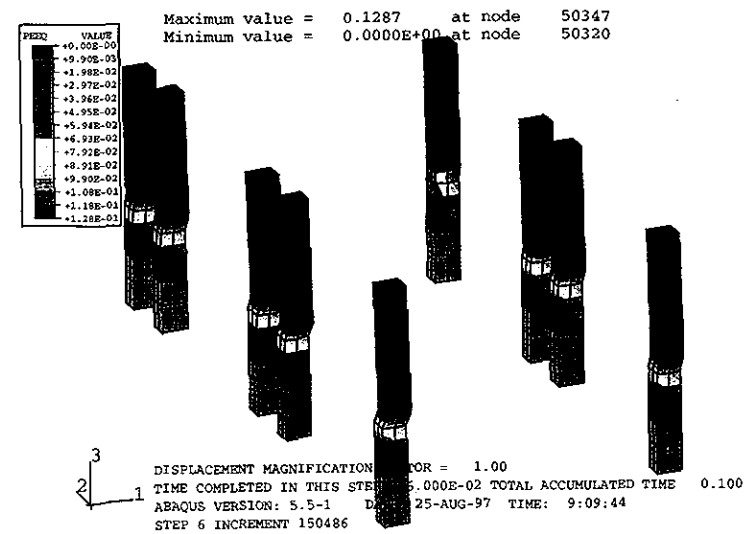
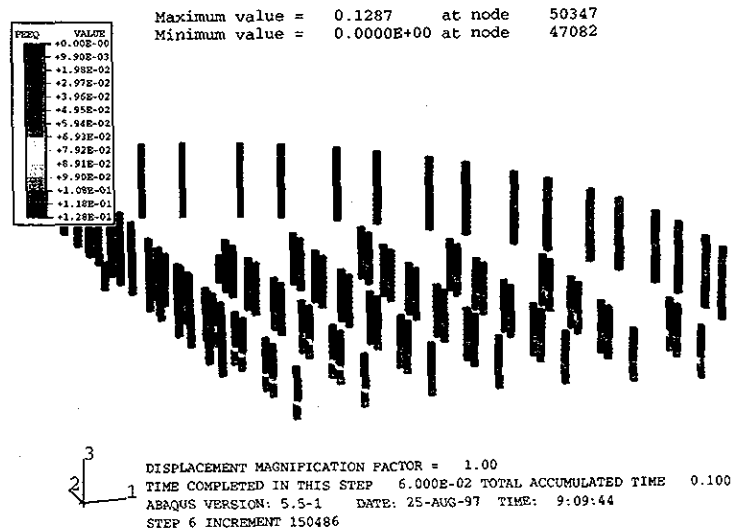
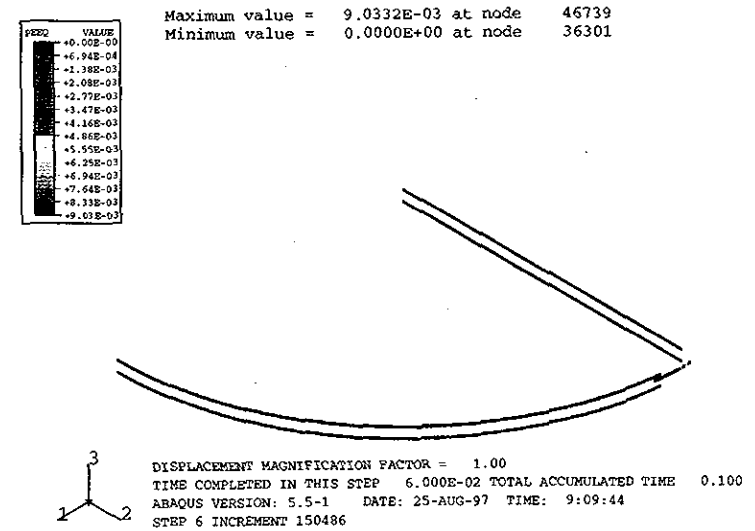
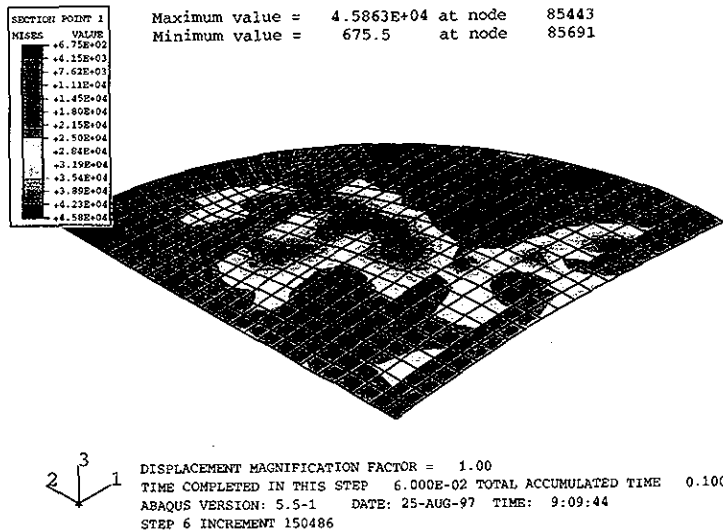
Maximum value = 2.8589E+04 at node 66166
Minimum value = 596.2 at node 82830



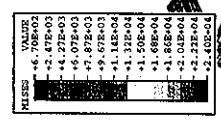
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ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486

Item E-29 : Figure: Clamp Plates and Divider Plates - Mises Stress Contour Plots

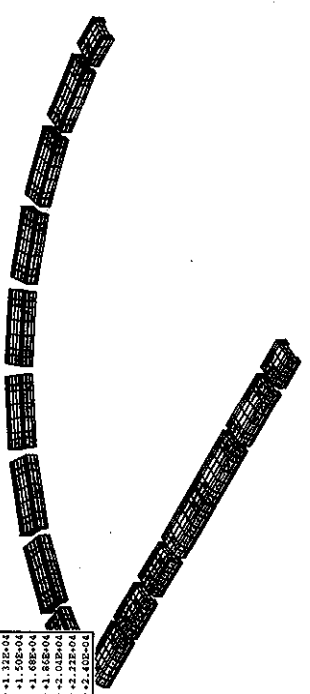
Item E-30 : Figure: Sealing Skin Mises Plot, Welds and bolt Plastic Strain Plots



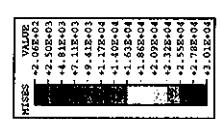
Maximum value = 2.4073E+04 at node 5830
Minimum value = 671.0 at node 2663



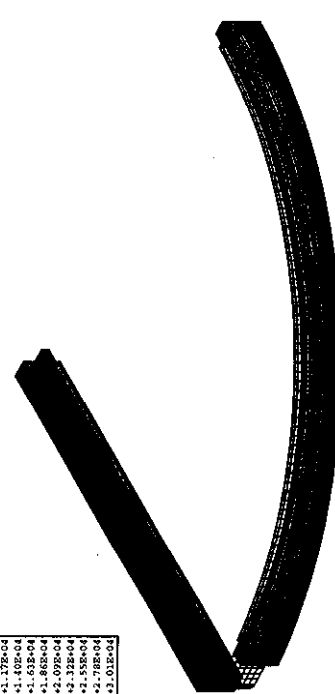
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ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486



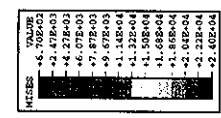
Maximum value = 3.0135E+04 at node 39049
Minimum value = 206.2 at node 35529



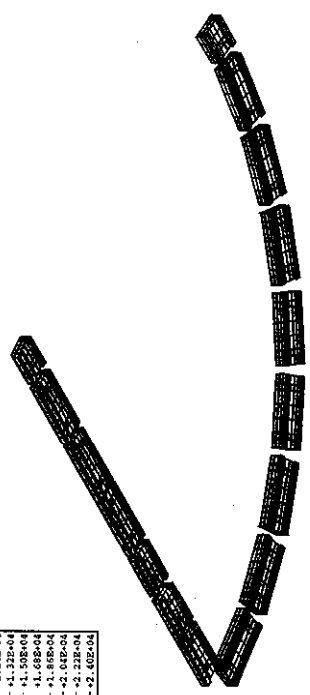
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ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486



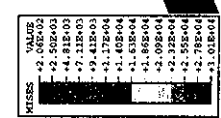
Maximum value = 2.4073E+04 at node 5830
Minimum value = 671.0 at node 2663



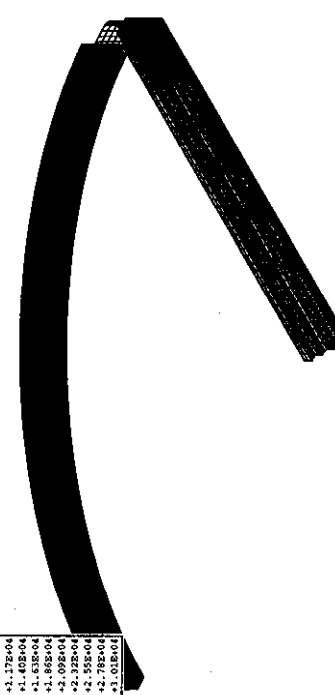
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ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486



Maximum value = 3.0135E+04 at node 39049
Minimum value = 206.2 at node 35529



DISPLACEMENT MAGNIFICATION FACTOR = 1.00
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ABAQUS VERSION: 5.5-1 DATE: 25-AUG-97 TIME: 9:09:44
STEP 6 INCREMENT 150486



Item E-31 : Figure: Dog Clamps and Seat Bar Mises Plots

