

NEUSE

RIVER

EY	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	3790.000	8270.000
ET	0.000	3750.000	7100.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000
X1	688670.000	31.000	4000.000	4220.000	2370.000	2370.000	2370.000	0.000	0.000	0.000
GR	80.000	0.000	73.000	1550.000	72.000	2700.000	71.000	3220.000	70.000	3750.000
GR	68.000	3800.000	66.000	3850.000	64.000	3870.000	62.000	3970.000	60.000	3980.000
GR	49.870	4000.000	45.310	4006.000	44.610	4025.000	44.510	4050.000	43.210	4075.000
GR	43.210	4100.000	43.110	4125.000	42.210	4150.000	42.810	4175.000	46.710	4190.000
GR	52.070	4220.000	56.570	4228.000	58.970	4233.000	60.000	4440.000	60.000	4540.000
GR	62.000	4940.000	64.000	5500.000	66.000	6750.000	66.000	10800.000	70.000	11000.000
GR	82.000	11200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4080.000	8580.000
ET	0.000	4080.000	7800.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

X1	691000.000	32.000	4100.000	4312.000	2800.000	1800.000	2330.000	0.000	0.000	0.000
GR	80.000	100.000	78.000	180.000	76.000	210.000	74.000	280.000	72.000	350.000
GR	72.000	1830.000	73.000	2970.000	73.000	4040.000	70.000	4080.000	60.000	4090.000
GR	55.000	4100.000	47.300	4105.000	41.900	4125.000	43.200	4150.000	43.800	4175.000
GR	44.000	4200.000	45.300	4225.000	45.600	4250.000	46.100	4275.000	48.600	4300.000
GR	47.800	4307.000	52.400	4312.000	59.500	4324.000	60.500	4335.000	70.000	4370.000
GR	72.000	4380.000	74.000	4410.000	74.500	6710.000	66.000	7000.000	66.000	8950.000
GR	68.000	9500.000	82.000	9600.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	8970.000	13095.000
ET	0.000	9000.000	13000.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	693765.000	41.000	9110.000	9325.000	3400.000	1800.000	2765.000	0.000	0.000	0.000
GR	73.000	3950.000	70.000	4070.000	70.000	6060.000	71.800	7200.000	70.000	8150.000
GR	68.000	8200.000	68.000	8330.000	66.000	8380.000	64.000	8450.000	62.000	8500.000
GR	60.000	8670.000	58.000	8740.000	59.000	8900.000	57.900	8997.000	57.300	9050.000
GR	56.000	9075.000	54.400	9100.000	54.300	9110.000	48.500	9118.000	46.400	9125.000
GR	43.700	9150.000	44.200	9175.000	44.200	9200.000	44.700	9225.000	43.700	9250.000
GR	46.400	9275.000	43.600	9300.000	47.700	9313.000	56.500	9325.000	65.700	9335.000
GR	73.600	9357.000	73.000	9370.000	73.000	11650.000	67.000	11700.000	67.000	12000.000
GR	67.000	12400.000	67.000	13050.000	66.000	13475.000	66.000	13790.000	70.000	13815.000
GR	80.000	13850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	8997.000	13095.000
ET	0.000	8997.000	12850.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

*> 10, 50, 100 YR FLOWS CONTAINED IN FR OPENING

X1	693815.000	41.000	8997.000	9357.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	69.000	68.000	0.000
GR	73.000	3950.000	70.000	4070.000	70.000	6060.000	71.800	7200.000	70.000	8150.000
GR	68.000	8200.000	68.000	8330.000	66.000	8380.000	64.000	8450.000	62.000	8500.000
GR	60.000	8670.000	58.000	8740.000	59.000	8900.000	57.900	8997.000	57.300	9050.000
GR	56.000	9075.000	54.400	9100.000	54.300	9110.000	48.400	9118.000	46.400	9125.000
GR	43.700	9150.000	44.200	9175.000	44.200	9200.000	44.700	9225.000	43.700	9250.000
GR	46.400	9275.000	43.600	9300.000	47.700	9313.000	56.500	9325.000	65.700	9335.000
GR	73.600	9357.000	73.000	9370.000	73.000	11650.000	67.000	11700.000	67.000	12000.000
GR	67.000	12400.000	67.000	13050.000	66.000	13475.000	66.000	13790.000	70.000	13815.000
GR	80.000	13850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SH	1.000	1.500	2.500	0.000	193.000	8.000	6445.000	3.000	45.400	45.400
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	8997.000	13095.000
ET	0.000	8997.000	12850.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

*> 10, 50, 100 YR FLOWS CONTAINED IN BR OPENING

X1	693845.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	70.100	70.000	0.000	0.000	0.000	0.000	0.000

XS	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	70.000	68.000	0.000
BT	17.000	3850.000	73.000	0.000	3950.000	70.000	0.000	0.000	6200.000	70.000	0.000
BT	7200.000	72.000	0.000	8700.000	73.000	0.000	8800.000	73.100	0.000	8900.000	0.000
BT	73.300	0.000	8997.000	73.600	70.100	9357.000	73.600	70.100	9370.000	73.000	0.000
BT	0.000	11650.000	73.000	0.000	11700.000	67.000	0.000	13050.000	67.000	0.000	0.000
BT	13475.000	66.000	0.000	13790.000	66.000	0.000	13815.000	70.000	0.000	13850.000	0.000
BT	80.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	8985.000	13095.000	0.000
ET	0.000	8960.000	12825.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	693895.000	44.000	9110.000	9325.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000
GR	73.000	3800.000	70.000	3870.000	70.000	5000.000	70.000	5980.000	72.000	7200.000	0.000
GR	70.000	7270.000	74.000	7710.000	74.000	8150.000	70.000	8340.000	68.000	8380.000	0.000
GR	66.000	8480.000	64.000	8620.000	62.000	8660.000	60.000	8690.000	58.000	8790.000	0.000
GR	59.000	8900.000	57.900	8997.000	57.300	9050.000	56.000	9075.000	54.400	9100.000	0.000
GR	54.300	9110.000	48.500	9118.000	46.400	9125.000	43.700	9150.000	44.200	9175.000	0.000
GR	44.200	9200.000	44.700	9225.000	43.700	9250.000	46.000	9275.000	43.600	9300.000	0.000
GR	47.700	9313.000	56.500	9325.000	65.700	9335.000	73.600	9357.000	73.000	9370.000	0.000
GR	73.000	11650.000	67.000	11700.000	67.000	12000.000	67.000	12400.000	67.000	13050.000	0.000
GR	66.000	13475.000	66.000	13790.000	70.000	13815.000	80.000	13850.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	11085.000	15585.000	0.000
ET	0.000	11590.000	15900.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000	0.000

X1	695300.000	33.000	12500.000	12675.000	1405.000	1405.000	1405.000	0.000	0.000	0.000	0.000
GR	78.000	7030.000	70.000	7140.000	70.000	7950.000	70.000	9350.000	72.900	9700.000	0.000
GR	70.000	10140.000	70.000	10270.000	71.900	10500.000	70.000	10780.000	65.000	10900.000	0.000
GR	60.000	11050.000	55.000	12250.000	55.400	12482.000	52.100	12486.000	50.900	12500.000	0.000
GR	48.300	12515.000	46.500	12530.000	43.900	12550.000	43.700	12575.000	42.500	12600.000	0.000
GR	41.400	12625.000	45.900	12650.000	46.000	12670.000	51.700	12675.000	58.300	12687.000	0.000
GR	62.600	12694.000	73.000	12750.000	73.000	14200.000	65.000	14250.000	65.000	14050.000	0.000
GR	70.000	16100.000	75.000	16150.000	80.000	16200.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10850.000	13350.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	2000.200	0.000	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	700250.000	27.000	12500.000	12709.000	4950.000	4950.000	4950.000	0.000	0.000	0.000	0.000
GR	80.000	5000.000	75.000	6400.000	70.000	8900.000	65.000	9100.000	60.000	9250.000	0.000
GR	60.000	10000.000	60.000	11500.000	50.000	12300.000	59.400	12492.000	55.600	12500.000	0.000
GR	49.300	12504.000	46.200	12525.000	46.300	12550.000	45.700	12575.000	44.700	12600.000	0.000
GR	43.800	12625.000	43.300	12650.000	43.100	12675.000	46.100	12700.000	46.800	12708.000	0.000
GR	55.700	12709.000	60.000	13400.000	60.000	14500.000	65.000	14750.000	70.000	15300.000	0.000
GR	75.000	15400.000	80.000	15500.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9250.000	10250.000	0.000
ET	0.000	9250.000	10250.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	702450.000	34.000	10000.000	10205.000	2200.000	2200.000	2200.000	0.000	0.000	0.000	0.000
GR	80.000	0.000	75.000	2200.000	70.000	4400.000	70.000	5800.000	65.000	6000.000	0.000
GR	65.000	8400.000	60.000	8600.000	60.500	9780.000	60.000	9867.000	60.000	9950.000	0.000
GR	59.500	9985.000	56.100	9995.000	52.100	10000.000	46.700	10004.000	43.300	10025.000	0.000
GR	35.000	10050.000	36.100	10075.000	40.400	10100.000	33.300	10125.000	33.200	10150.000	0.000
GR	36.500	10175.000	47.100	10196.000	52.800	10205.000	63.200	10220.000	65.300	10230.000	0.000
GR	67.700	10275.000	68.500	10510.000	71.600	10517.000	72.200	10528.000	65.000	10900.000	0.000
GR	70.000	11100.000	70.000	11800.000	75.000	11850.000	80.000	11900.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9280.000	10220.000	0.000
ET	0.000	9280.000	10220.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	702525.000	32.000	10020.000	10197.000	75.000	75.000	75.000	0.000	0.000	0.000
GR	80.000	0.000	75.000	2200.000	70.000	4400.000	70.000	5800.000	65.000	6000.000
GR	65.000	8400.000	60.000	8600.000	59.700	9700.000	59.600	9800.000	59.600	9900.000
GR	57.900	9999.000	57.900	10006.000	54.800	10020.000	49.300	10027.000	45.900	10052.000
GR	43.600	10077.000	42.800	10100.000	45.300	10110.000	44.900	10125.000	47.800	10150.000
GR	45.500	10175.000	49.800	10185.000	57.800	10197.000	59.800	10211.000	67.800	10200.000
GR	65.800	10400.000	65.500	10500.000	65.000	10900.000	70.000	11100.000	70.000	11800.000
GR	75.000	11850.000	80.000	11900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9300.000	10217.000
ET	0.000	9300.000	10217.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

*> 10, 50, 100, 500 YR FLOWS CONTAINED IN RR OPENING

X1	702575.000	35.000	9300.000	10217.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	73.000	74.300	0.000
GR	80.000	0.000	75.000	2200.000	70.000	4400.000	70.000	5800.000	65.000	6000.000
GR	65.000	8400.000	60.000	8600.000	59.700	9300.000	59.600	9800.000	59.600	9900.000
GR	57.900	9999.000	72.100	10000.000	57.900	10006.000	54.800	10020.000	49.300	10027.000
GR	45.900	10052.000	43.600	10077.000	42.800	10100.000	45.300	10110.000	44.900	10125.000
GR	47.800	10150.000	45.500	10175.000	49.800	10185.000	57.800	10197.000	59.800	10211.000
GR	72.000	10216.000	74.300	10217.000	60.500	10218.000	67.800	10300.000	65.800	10400.000
GR	65.500	10500.000	65.000	10900.000	70.000	11100.000	70.000	11800.000	80.000	11850.000
SR	1.000	1.500	2.500	0.000	90.000	45.000	13240.000	16.500	45.000	45.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9300.000	10217.000

*> 10, 50, 100, 500 YR FLOWS CONTAINED IN RR OPENING

X1	702605.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	74.300	77.500	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	78.000	78.000	0.000
BT	10.000	0.000	80.000	72.100	1000.000	79.000	72.100	9300.000	77.800	72.100
BT	10000.000	74.100	72.100	10110.000	78.100	74.200	10217.000	78.200	74.300	10300.000
BT	77.800	74.300	10500.000	77.500	74.300	11900.000	78.000	74.300	12000.000	80.000
BT	74.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	9260.000	10275.000
ET	0.000	9260.000	10275.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	702655.000	32.000	10020.000	10197.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	80.000	0.000	75.000	2200.000	70.000	4400.000	70.000	5800.000	65.000	6000.000
GR	65.000	8400.000	60.000	8600.000	59.700	9700.000	59.600	9800.000	59.600	9900.000
GR	57.900	9999.000	57.900	10006.000	54.800	10020.000	49.300	10027.000	45.900	10052.000
GR	43.600	10077.000	42.800	10100.000	45.300	10110.000	44.900	10125.000	47.800	10150.000
GR	45.500	10175.000	49.800	10185.000	57.800	10197.000	59.800	10211.000	67.800	10200.000
GR	65.800	10400.000	65.500	10500.000	65.000	10900.000	70.000	11100.000	70.000	11800.000
GR	75.000	11850.000	80.000	11900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9210.000	10300.000
ET	0.000	9210.000	10300.000	0.000	0.000	0.000	2.100	0.000	0.000	0.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	702730.000	0.000	0.000	0.000	75.000	75.000	75.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	9.110	0.000	10335.000	10750.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	704390.000	25.000	10450.000	10645.000	1660.000	1660.000	1660.000	0.000	0.000	0.000
GR	80.000	2000.000	75.000	3000.000	70.000	5000.000	70.000	6200.000	65.000	6400.000

GR	65.000	8900.000	60.000	9050.000	62.000	10390.000	52.000	10450.000	49.400	10458.000
GR	44.600	10475.000	44.500	10500.000	42.200	10525.000	43.700	10550.000	45.600	10575.000
GR	45.600	10600.000	45.200	10625.000	47.100	10633.000	62.100	10645.000	64.300	10665.000
GR	65.300	10715.000	65.200	10850.000	70.000	11300.000	75.000	11800.000	80.000	12000.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	9.110	0.000	10350.000	10735.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	704430.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	9.110	0.000	10350.000	10702.000

*> 10, 50, 100, 500 YR FLOWS CONTAINED IN BR OPENING

*> BRIDGE LENGTHENED FOR NEW BRIDGE ADDED

X1	704480.000	33.000	10350.000	10702.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	76.000	76.000	0.000
GR	80.000	2000.000	75.000	3000.000	70.000	5000.000	70.000	6200.000	65.000	6400.000
GR	65.000	8900.000	60.000	9050.000	60.700	10350.000	60.700	10380.000	56.300	10396.000
GR	53.100	10445.000	48.900	10453.000	43.700	10475.000	44.100	10500.000	42.000	10525.000
GR	44.100	10550.000	45.100	10575.000	44.300	10600.000	46.100	10625.000	47.700	10632.000
GR	52.300	10640.000	65.000	10650.000	65.500	10675.000	66.800	10683.000	66.500	10696.000
GR	66.400	10702.000	66.400	10703.000	65.300	10750.000	68.400	10850.000	68.600	10950.000
GR	70.000	11300.000	75.000	11800.000	80.000	12000.000	0.000	0.000	0.000	0.000
SB	1.000	2.000	2.500	0.000	69.000	8.000	13210.000	10.000	45.000	45.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	9.110	0.000	10350.000	10702.000

*> 10, 50, 100, 500 YR FLOWS CONTAINED IN PR OPENING

X1	704580.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	75.000	78.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	78.500	78.500	0.000
BT	8.000	5000.000	80.000	0.000	10050.000	78.400	0.000	10150.000	78.900	0.000
BT	10350.000	79.100	75.800	10702.000	79.100	75.800	10850.000	79.200	0.000	10950.000
BT	78.900	0.000	12000.000	80.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	9.110	0.000	10300.000	10750.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	704630.000	28.000	10445.000	10640.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	80.000	5500.000	70.000	8000.000	65.000	8200.000	60.000	8450.000	60.000	9000.000
GR	60.000	9500.000	63.800	10050.000	63.600	10150.000	61.800	10250.000	60.700	10380.000
GR	56.300	10396.000	56.200	10425.000	53.100	10445.000	48.900	10453.000	43.700	10475.000
GR	44.100	10500.000	42.000	10525.000	44.100	10550.000	45.100	10575.000	44.300	10600.000
GR	46.100	10625.000	47.700	10632.000	52.300	10640.000	65.300	10750.000	68.400	10850.000
GR	68.600	10950.000	70.000	11600.000	80.000	12000.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	9.110	0.000	10330.000	10750.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	704765.000	0.000	0.000	0.000	135.000	135.000	135.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	9.110	0.000	10350.000	10730.000

*> FLARE FOR NON-EFFECTIVE FLOWS

X1	704930.000	0.000	0.000	0.000	165.000	165.000	165.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	9.110	0.000	10295.000	10650.000

*> FLARE FOR NON-EFFECTIVE FLOWS

THIS RUN EXECUTED 15 MAY 80 8:41:06

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 NEUSE RIVER BACKWATER--NEW BERN TO GOLDSBORO CUTOFF - -
T2 100 YR ENCR FRM GOLDSBORO EW STUDY.
T3 EMF OCT 1979 --MODIFIED BY DRP APR 80

J1	TCHECK	IND	NINV	ID14	STRT	METRIC	HVINS	G	WSEL	FQ
	0.	7.	0.	0.	0.000000	0.00	0.0	0.	66.600	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IHW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

CHIC ELECTRONICS

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EMF OCT 1979 --MODIFIED

SUMMARY PRINTOUT

SECNO	CWSEL	EG	FLIC	ELMIN	10K+S	Q
666000.000	66.00	66.51	0.00	36.80	3.52	34800.00
666000.000	66.60	67.10	0.00	36.80	3.32	34800.00
672000.000	67.66	67.83	0.00	38.50	1.46	34800.00
672000.000	68.25	68.48	0.00	38.50	1.63	34800.00
A 686300.000	69.51	69.58	0.00	41.60	1.03	34800.00
686300.000	70.43	70.54	0.00	41.60	1.28	34800.00
B 688670.000	69.75	69.87	0.00	42.21	1.31	34800.00
688670.000	70.72	70.87	0.00	42.21	1.40	34800.00
C 691000.000	69.98	70.38	0.00	41.90	3.17	34800.00
691000.000	70.96	71.42	0.00	41.90	3.25	34800.00
693765.000	70.81	71.20	0.00	43.60	2.96	34800.00
693765.000	71.85	72.19	0.00	43.60	2.52	34800.00
693815.000	70.95	71.22	0.00	43.60	2.72	34800.00
693815.000	71.97	72.21	0.00	43.60	2.30	34800.00
693845.000	70.95	71.22	70.10	43.60	2.72	34800.00
693845.000	71.97	72.21	70.10	43.60	2.30	34800.00
D 693895.000	70.88	71.27	0.00	43.60	2.95	34800.00
693895.000	71.92	72.25	0.00	43.60	2.46	34800.00
E 695300.000	71.45	71.51	0.00	41.40	0.87	34800.00
695300.000	72.40	72.49	0.00	41.40	1.04	34800.00
F 700250.000	71.88	71.95	0.00	43.10	0.89	34800.00
700250.000	72.89	72.98	0.00	43.10	0.92	34800.00
G 702450.000	72.00	72.22	0.00	33.20	1.25	34800.00
702450.000	73.03	73.23	0.00	33.20	1.08	34800.00
702525.000	71.95	72.26	0.00	42.80	2.92	34800.00
702525.000	72.99	73.26	0.00	42.80	2.45	34800.00

OFFICE ENGINEERING INC

SECNO	CWSEL	EG	FLLC	ELMTA	10K+S	0
702575.000	72.20	72.29	0.00	42.80	1.27	34800.00
702575.000	73.21	73.29	0.00	42.80	1.05	34800.00
702605.000	72.20	72.30	74.30	42.80	1.27	34800.00
702605.000	73.21	73.30	74.30	42.80	1.03	34800.00
702655.000	72.08	72.37	0.00	42.80	2.74	34800.00
702655.000	73.10	73.36	0.00	42.80	2.30	34800.00
* 702730.000	72.12	72.39	0.00	42.80	2.60	34800.00
702730.000	73.14	73.37	0.00	42.80	2.18	34800.00
704390.000	72.43	72.98	0.00	42.20	3.59	34800.00
704390.000	73.39	73.88	0.00	42.20	3.16	34800.00
704430.000	72.44	72.99	0.00	42.20	3.64	34800.00
704430.000	73.39	73.90	0.00	42.20	3.21	34800.00
704480.000	72.68	73.03	0.00	42.00	2.98	34800.00
704480.000	73.62	73.93	0.00	42.00	2.58	34800.00
704580.000	72.69	73.04	75.80	42.00	2.97	34800.00
704580.000	73.62	73.94	75.80	42.00	2.58	34800.00
704630.000	72.64	73.08	0.00	42.00	2.87	34800.00
704630.000	73.57	73.98	0.00	42.00	2.54	34800.00
J 704765.000	72.67	73.13	0.00	42.00	2.91	34800.00
704765.000	73.60	74.02	0.00	42.00	2.58	34800.00
X 704930.000	72.71	73.16	0.00	42.00	2.96	34800.00
704930.000	73.63	74.07	0.00	42.00	2.64	34800.00
704975.000	72.87	73.20	0.00	40.20	2.74	34800.00
704975.000	73.78	74.09	0.00	40.20	2.39	34800.00
704980.000	72.87	73.21	0.00	40.20	2.97	34800.00
704980.000	73.78	74.09	0.00	40.20	2.60	34800.00
705020.000	72.88	73.22	0.00	40.20	2.97	34800.00
705020.000	73.79	74.10	0.00	40.20	2.60	34800.00
705025.000	72.88	73.22	0.00	40.20	2.73	34800.00
705025.000	73.79	74.11	0.00	40.20	2.38	34800.00
705070.000	72.82	73.26	0.00	42.00	2.82	34800.00
705070.000	73.74	74.15	0.00	42.00	2.50	34800.00

OFFICE ELECTRONICS

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EMF OCT 1979 --MODIFIE

SUMMARY PRINTOUT

SECNO	CMSEL	SSIA	STCHL	STCHR	ENDST	TOPWTD
666000.000	66.00	8240.00	9225.00	9445.00	11410.17	3170.17
666000.000	66.60	8800.00	9225.00	9445.00	9800.00	1000.00
672000.000	67.66	3445.65	4000.00	4220.00	12063.04	8617.39
672000.000	68.25	3900.00	4000.00	4220.00	7500.00	3600.00
686300.000	69.51	5139.66	6800.00	7000.00	13243.10	8103.43
686300.000	70.43	6000.00	6800.00	7000.00	9200.00	3200.00
688670.000	69.75	3756.22	4000.00	4220.00	10987.55	7231.33
688670.000	70.72	3750.00	4000.00	4220.00	7100.00	3350.00
691000.000	69.98	4080.02	4100.00	4312.00	9514.17	2950.16
691000.000	70.96	4080.00	4100.00	4312.00	7800.00	1206.38
693765.000	70.81	8970.00	9110.00	9325.00	13095.00	1805.93
693765.000	71.85	9000.00	9110.00	9325.00	13000.00	1692.51
693815.000	70.95	8997.00	8997.00	9357.00	13095.00	1780.49
693815.000	71.97	8997.00	8997.00	9357.00	12850.00	1546.88
693845.000	70.95	8997.00	8997.00	9357.00	13095.00	1780.49
693845.000	71.97	8997.00	8997.00	9357.00	12850.00	1546.88
693895.000	70.88	8985.00	9110.00	9325.00	13095.00	1791.76
693895.000	71.92	8960.00	9110.00	9325.00	12825.00	1558.29
695300.000	71.45	7120.10	12500.00	12675.00	16114.07	7009.13
695300.000	72.40	11590.00	12500.00	12675.00	15900.00	2853.05
700250.000	71.88	10850.00	12500.00	12709.00	13350.00	2500.00
700250.000	72.89	11604.50	12500.00	12709.00	13604.50	2000.00
702450.000	72.00	9250.00	10000.00	10205.00	10250.00	1000.00
702450.000	73.03	9250.00	10000.00	10205.00	10250.00	1000.00
702525.000	71.95	9280.00	10020.00	10197.00	10220.00	940.00
702525.000	72.99	9280.00	10020.00	10197.00	10220.00	940.00
702575.000	72.20	9300.00	9300.00	10217.00	10216.09	916.09
702575.000	73.21	9300.00	9300.00	10217.00	10216.52	916.52
702605.000	72.20	9300.00	9300.00	10217.00	10216.09	916.09
702605.000	73.21	9300.00	9300.00	10217.00	10216.53	916.53
702655.000	72.08	9260.00	10020.00	10197.00	10275.00	1015.00
702655.000	73.10	9260.00	10020.00	10197.00	10275.00	1015.00
702730.000	72.12	9210.00	10020.00	10197.00	10300.00	1090.00
702730.000	73.14	9210.00	10020.00	10197.00	10300.00	1090.00
704390.000	72.43	10335.00	10450.00	10645.00	10750.00	415.00
704390.000	73.39	10335.00	10450.00	10645.00	10750.00	415.00

OFFICE ELECTRONICS INC

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPKID
704430.000	72.44	10350.00	10450.00	10645.00	10735.00	385.00
704430.000	73.39	10350.00	10450.00	10645.00	10735.00	385.00
704480.000	72.68	10350.00	10350.00	10702.00	10702.00	352.00
704480.000	73.62	10350.00	10350.00	10702.00	10702.00	352.00
704580.000	72.69	10350.00	10350.00	10702.00	10702.00	352.00
704580.000	73.62	10350.00	10350.00	10702.00	10702.00	352.00
704630.000	72.64	10300.00	10445.00	10640.00	10750.00	450.00
704630.000	73.57	10300.00	10445.00	10640.00	10750.00	450.00
704765.000	72.67	10330.00	10445.00	10640.00	10750.00	420.00
704765.000	73.60	10330.00	10445.00	10640.00	10750.00	420.00
704930.000	72.71	10350.00	10445.00	10640.00	10730.00	380.00
704930.000	73.63	10350.00	10445.00	10640.00	10730.00	380.00
704975.000	72.87	10295.00	10300.00	10647.00	10650.00	355.00
704975.000	73.78	10295.00	10300.00	10647.00	10650.00	355.00
704980.000	72.87	10300.00	10300.00	10647.00	10647.00	347.00
704980.000	73.78	10300.00	10300.00	10647.00	10647.00	347.00
705020.000	72.88	10300.00	10300.00	10647.00	10647.00	347.00
705020.000	73.79	10300.00	10300.00	10647.00	10647.00	347.00
705025.000	72.88	10295.00	10300.00	10647.00	10653.00	358.00
705025.000	73.79	10295.00	10300.00	10647.00	10653.00	358.00
705070.000	72.82	10320.00	10445.00	10640.00	10760.00	440.00
705070.000	73.74	10320.00	10445.00	10640.00	10760.00	440.00

SUMMARY OF ERRORS

OFFICE ELECTRONICS

FLOODWAY DATA. FME OCT 1979 --MODIFIED
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
666000.000	1000.	8740.	4.0	66.6	66.0	0.6
672000.000	3600.	22742.	1.5	68.3	67.7	0.6
686300.000	3200.	31566.	1.1	70.4	69.5	0.9
688670.000	3350.	27946.	1.2	70.8	69.8	1.0
691000.000	3720.	10611.	3.3	71.0	70.0	1.0
693765.000	4000.	13931.	2.5	71.8	70.8	1.0
693815.000	3853.	13437.	2.6	71.9	70.9	1.0
693845.000	3853.	13437.	2.6	71.9	70.9	1.0
693895.000	3865.	13742.	2.5	71.9	70.9	1.0
695300.000	4310.	32710.	1.1	72.4	71.4	1.0
700250.000	2000.	30431.	1.1	72.9	71.9	1.0
702450.000	1000.	17120.	2.0	73.0	72.0	1.0
702525.000	900.	14981.	2.3	72.9	71.9	1.0
702575.000	917.	14829.	2.3	73.2	72.2	1.0
702605.000	917.	14834.	2.3	73.2	72.2	1.0
702655.000	1015.	15903.	2.2	73.1	72.1	1.0
702730.000	1090.	16767.	2.1	73.1	72.1	1.0
704390.000	415.	7955.	4.4	73.4	72.4	1.0
704430.000	385.	7666.	4.5	73.4	72.4	1.0
704480.000	352.	7696.	4.5	73.6	72.7	0.9
704580.000	352.	7699.	4.5	73.6	72.7	0.9
704630.000	450.	9329.	3.7	73.5	72.6	0.9
704765.000	420.	8973.	3.9	73.6	72.7	0.9
704930.000	380.	8545.	4.1	73.6	72.7	0.9
704975.000	355.	7850.	4.4	73.8	72.9	0.9
704980.000	347.	7751.	4.5	73.8	72.9	0.9
705020.000	347.	7754.	4.5	73.8	72.9	0.9
705025.000	348.	7878.	4.4	73.8	72.9	0.9
705070.000	440.	9237.	3.8	73.7	72.8	0.9

OFFICE ELECTRONICS INC

0.000 0.000 0.000 0.000 0.000 9.110 0.000 0.000 3985.000 8485.000

X1	688670.000	31.000	4000.000	4220.000	2370.000	2370.000	2370.000	0.000	0.000	0.000
GR	80.000	0.000	73.000	1550.000	72.000	2700.000	71.000	3220.000	70.000	4750.000
GR	68.000	3800.000	66.000	3850.000	64.000	3870.000	62.000	3970.000	60.000	3980.000
GR	49.870	4000.000	45.310	4006.000	44.610	4025.000	44.510	4050.000	43.210	4075.000
GR	43.210	4100.000	43.110	4125.000	42.210	4150.000	42.810	4175.000	41.710	4190.000
GR	52.070	4220.000	51.570	4228.000	50.970	4233.000	50.000	4440.000	60.000	4540.000
GR	62.000	4940.000	64.000	5500.000	66.000	6750.000	66.000	10860.000	70.000	11000.000
GR	82.000	11200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4080.000	8580.000

X1	691000.000	32.000	4100.000	4312.000	2800.000	1800.000	2430.000	0.000	0.000	0.000
GR	80.000	100.000	78.000	180.000	76.000	210.000	70.000	280.000	72.000	350.000
GR	72.000	1830.000	73.000	2970.000	73.000	3040.000	70.000	4080.000	60.000	4090.000
GR	55.000	4100.000	47.300	4105.000	41.900	4125.000	43.200	4150.000	43.800	4175.000
GR	44.000	4200.000	45.300	4225.000	45.600	4250.000	46.100	4275.000	48.600	4300.000
GR	47.800	4307.000	52.400	4312.000	54.500	4324.000	66.500	4335.000	70.000	4370.000
GR	72.000	4380.000	74.000	4410.000	73.500	4710.000	66.000	7000.000	66.000	8550.000
GR	60.000	4500.000	82.000	9800.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	4970.000	13095.000

*> LEAD FOR NON-EFFECTIVE FILLS

X1	693765.000	41.000	9110.000	9325.000	7400.000	1800.000	2705.000	0.000	0.000	0.000
GR	73.000	4950.000	70.000	4770.000	70.000	6550.000	71.000	7200.000	70.000	8150.000
GR	68.000	8200.000	68.000	8530.000	66.000	8380.000	68.000	8450.000	62.000	8500.000
GR	60.000	8670.000	50.000	8740.000	50.000	8900.000	57.000	8997.000	57.300	9050.000
GR	50.000	9075.000	50.000	9100.000	50.000	9110.000	46.000	9118.000	46.400	9125.000
GR	44.700	9150.000	44.200	9175.000	44.200	9200.000	46.700	9225.000	43.700	9250.000
GR	46.000	9275.000	43.000	9300.000	47.700	9313.000	50.500	9325.000	65.700	9335.000
GR	73.600	9357.000	73.000	9370.000	73.000	11650.000	67.000	11700.000	67.000	12000.000
GR	67.000	12400.000	67.000	13050.000	66.000	13675.000	66.000	13750.000	70.000	13815.000
GR	80.000	13850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	4997.000	13095.000

*> LEAD FOR NON-EFFECTIVE FILLS

X1	693815.000	41.000	9097.000	9327.000	7400.000	1800.000	2705.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	68.000	0.000	0.000
GR	73.000	4950.000	70.000	4770.000	70.000	6550.000	71.000	7200.000	70.000	8150.000
GR	68.000	8200.000	68.000	8530.000	66.000	8380.000	68.000	8450.000	62.000	8500.000
GR	60.000	8670.000	50.000	8740.000	50.000	8900.000	57.000	8997.000	57.300	9050.000
GR	50.000	9075.000	50.000	9100.000	50.000	9110.000	46.000	9118.000	46.400	9125.000
GR	44.700	9150.000	44.200	9175.000	44.200	9200.000	46.700	9225.000	43.700	9250.000
GR	46.000	9275.000	43.000	9300.000	47.700	9313.000	50.500	9325.000	65.700	9335.000
GR	73.600	9357.000	73.000	9370.000	73.000	11650.000	67.000	11700.000	67.000	12000.000
GR	67.000	12400.000	67.000	13050.000	66.000	13675.000	66.000	13750.000	70.000	13815.000
GR	80.000	13850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S*	1.000	1.500	2.500	0.000	100.000	0.000	600.000	3.000	45.400	45.400
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	4997.000	13095.000

*> LEAD FOR NON-EFFECTIVE FILLS

X1	693845.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	70.100	70.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	70.000	60.000	0.000
BT	17.000	3850.000	73.000	0.000	3850.000	70.000	0.000	6200.000	70.000	0.000
BT	7200.000	72.000	0.000	8700.000	73.000	0.000	8800.000	73.100	0.000	8900.000
BT	73.300	0.000	8997.000	73.600	70.100	9357.000	73.600	70.100	9370.000	73.000
BT	0.000	11650.000	73.000	0.000	11700.000	67.000	0.000	13050.000	67.000	0.000

BT	13475.000	66.000	0.000	13790.000	66.000	0.000	13475.000	70.000	0.000	13550.000
BT	80.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	8985.000	13095.000

*-> FLARE FOR NON-EFFECTIVE FLOWS

X1	693895.000	44.000	9110.000	9325.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	73.000	3800.000	70.000	3870.000	70.000	4000.000	70.000	3980.000	72.000	7200.000
GR	70.000	7270.000	74.000	7710.000	74.000	8150.000	70.000	8380.000	68.000	8380.000
GR	66.000	8480.000	64.000	8620.000	62.000	8660.000	60.000	8690.000	58.000	8790.000
GR	59.000	8900.000	57.500	8997.000	57.300	9050.000	56.000	9075.000	54.400	9100.000
GR	54.300	9110.000	48.500	9118.000	46.400	9125.000	43.700	9150.000	44.200	9175.000
GR	44.200	9200.000	44.700	9225.000	43.700	9250.000	41.900	9275.000	43.600	9300.000
GR	47.700	9313.000	56.500	9325.000	65.700	9335.000	71.600	9357.000	73.000	9370.000
GR	73.000	11650.000	67.000	11700.000	67.000	12000.000	67.000	12400.000	67.000	13050.000
GR	66.000	13475.000	66.000	13790.000	70.000	13915.000	80.000	13850.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	11085.000	14585.000

X1	694300.000	33.000	12500.000	12675.000	1405.000	1405.000	1405.000	0.000	0.000	0.000
GR	78.000	7030.000	70.000	7190.000	70.000	7950.000	70.000	9150.000	72.900	9700.000
GR	70.000	10140.000	70.000	10270.000	71.900	10500.000	70.000	10780.000	65.000	10900.000
GR	60.000	11050.000	55.000	12250.000	55.000	12482.000	52.100	12486.000	50.900	12500.000
GR	48.700	12515.000	46.500	12530.000	43.900	12550.000	42.700	12575.000	42.500	12600.000
GR	41.000	12625.000	45.500	12650.000	46.000	12670.000	51.700	12675.000	58.300	12687.000
GR	62.600	12694.000	75.000	12750.000	73.000	14290.000	65.000	14250.000	65.000	16050.000
GR	70.000	16100.000	75.000	16150.000	80.000	16200.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10250.000	13350.000

*-> FLARE FOR NON-EFFECTIVE FLOWS

X1	700250.000	27.000	12500.000	12709.000	4950.000	4950.000	4950.000	0.000	0.000	0.000
GR	80.000	5600.000	75.000	6400.000	70.000	8900.000	65.000	9100.000	60.000	9250.000
GR	60.000	10000.000	60.000	11500.000	60.000	12300.000	59.000	12492.000	55.600	12500.000
GR	49.300	12504.000	45.200	12525.000	46.400	12550.000	45.700	12575.000	44.700	12600.000
GR	43.800	12625.000	43.300	12650.000	43.100	12675.000	46.100	12700.000	46.800	12708.000
GR	55.700	12709.000	60.000	13300.000	60.000	14500.000	65.000	14750.000	70.000	15300.000
GR	75.000	15000.000	80.000	15500.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9250.000	10250.000

*-> FLARE FOR NON-EFFECTIVE FLOWS

X1	702450.000	34.000	10000.000	10205.000	2200.000	2200.000	2200.000	0.000	0.000	0.000
GR	80.000	0.000	75.000	2200.000	70.000	3400.000	70.000	5800.000	65.000	8000.000
GR	65.000	8400.000	60.000	8600.000	60.500	9780.000	60.000	9867.000	60.000	9550.000
GR	59.500	9985.000	56.000	9995.000	52.100	10000.000	46.700	10064.000	43.300	10025.000
GR	35.000	10050.000	35.100	10075.000	40.000	10100.000	34.400	10122.000	33.200	10158.000
GR	36.500	10175.000	47.100	10196.000	52.000	10205.000	61.200	10220.000	65.300	10230.000
GR	67.700	10275.000	68.500	10510.000	71.600	10517.000	72.200	10525.000	65.000	10500.000
GR	70.000	11100.000	70.000	11800.000	75.000	11950.000	80.000	11900.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	9.110	9.110	0.000	0.000	9280.000	10220.000

*-> FLARE FOR NON-EFFECTIVE FLOWS

X1	702525.000	32.000	10020.000	10197.000	75.000	75.000	75.000	0.000	0.000	0.000
GR	80.000	0.000	75.000	2200.000	70.000	4400.000	70.000	5800.000	65.000	8000.000
GR	65.000	8400.000	60.000	8600.000	59.700	9700.000	59.600	9800.000	59.600	9900.000
GR	57.900	9999.000	57.900	10006.000	54.000	10020.000	49.300	10027.000	45.900	10052.000
GR	43.600	10077.000	42.800	10100.000	45.300	10110.000	44.900	10125.000	47.800	10150.000
GR	45.500	10175.000	49.200	10185.000	57.800	10197.000	59.800	10211.000	67.800	10200.000
GR	65.800	10400.000	65.500	10500.000	65.000	10900.000	70.000	11100.000	70.000	11800.000
GR	75.000	11850.000	80.000	11900.000	0.000	0.000	0.000	0.000	0.000	0.000

10, 50, 100 YR FLOWS CONTAINED IN BR OPENING

*> SUPERSTRUCTURE REMOVED - BT PTS CONVERTED TO GR PTS.

X1	704980.000	37.000	10300.000	10647.000	5.000	5.000	5.000	0.000	0.000	0.000
GR	80.000	5000.000	76.000	5750.000	70.000	5925.000	73.300	6750.000	73.200	7550.000
GR	72.000	7975.000	72.000	9400.000	70.000	10025.000	75.100	10100.000	76.100	10200.000
GR	76.700	10299.000	58.500	10300.000	58.200	10325.000	58.100	10330.000	55.600	10375.000
GR	53.800	10413.000	48.400	10421.000	47.500	10425.000	40.200	10450.000	40.800	10475.000
GR	44.300	10500.000	44.500	10525.000	41.300	10550.000	48.500	10573.000	52.600	10582.000
GR	62.200	10600.000	63.300	10625.000	65.800	10647.000	76.900	10648.000	76.700	10700.000
GR	74.000	10800.000	72.100	10900.000	70.000	11050.000	70.000	11950.000	71.000	12200.000
GR	75.000	12900.000	80.000	13000.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10300.000	10647.000

*> SUPERSTRUCTURE REMOVED - BT PTS CONVERTED TO GR PTS

X1	705020.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
BT	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10295.000	10582.000

*> FLOWS FOR NON-EFFECTIVE FLOWS

X1	705025.000	40.000	10300.000	10647.000	5.000	5.000	5.000	0.000	0.000	0.000
GR	80.000	5000.000	76.000	5750.000	70.000	5925.000	70.000	5925.000	73.500	6750.000
GR	72.000	7950.000	70.000	9000.000	65.000	9200.000	60.000	8050.000	60.000	9000.000
GR	60.000	8500.000	60.200	10100.000	55.000	10200.000	58.500	10299.000	58.500	10300.000
GR	58.200	10325.000	53.100	10330.000	55.600	10375.000	53.800	10413.000	48.400	10421.000
GR	62.500	10425.000	40.200	10450.000	40.800	10475.000	44.300	10500.000	44.500	10525.000
GR	41.300	10550.000	48.500	10573.000	52.600	10592.000	62.200	10600.000	63.300	10625.000
GR	65.800	10647.000	65.800	10649.000	71.500	10649.000	71.500	10700.000	68.600	10800.000
GR	70.000	11950.000	70.000	11950.000	70.000	12200.000	70.000	12200.000	80.000	13000.000
BT	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10300.000	10647.000

*> FLOWS FOR NON-EFFECTIVE FLOWS

X1	705070.000	0.000	10000.000	10600.000	35.000	35.000	35.000	0.000	0.000	0.000
GR	0.000	5000.000	70.000	5000.000	60.000	5200.000	60.000	5450.000	60.000	5000.000
GR	0.000	7950.000	65.000	10050.000	62.000	10150.000	61.000	10250.000	60.000	10300.000
GR	0.000	8500.000	55.000	10425.000	53.100	10445.000	48.500	10455.000	43.100	10475.000
GR	0.000	10325.000	40.200	10525.000	40.800	10530.000	44.300	10575.000	44.500	10580.000
GR	0.000	10550.000	48.500	10625.000	52.600	10640.000	62.200	10750.000	68.600	10800.000
GR	0.000	10647.000	70.000	11600.000	70.000	12000.000	0.000	0.000	0.000	0.000
BT	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	0.000	0.000

THIS RUN EXECUTED 25 APR 80 12:50:56

HEC2 RELEASE DATED NOV 76 REPAIRED JUL Y 1979

FROR CORR - 01,02,03

MODIFICATION - 50,51,52,53

NOTE - ASTERISK (*) AT LEFT OF CROSS-SECTION THREE INDICATES LESBAG IN SUBRAY OF FIBERS LIST

FILE CFI 1979 --MODIFI

SUBRAY PRINT

SEGO

C.SIL

44

FILE

FILE

66600.000

61.96

62.25

62.00

76.00

66600.000

60.22

65.21

62.00

62.00

66600.000

66.00

66.31

62.00

62.00

67200.000

43.21

62.22

62.00

62.00

67200.000

46.55

66.52

62.00

62.00

66600.000

65.82

66.02

62.00

62.00

66600.000

69.23

66.33

66.00

62.00

66600.000

65.90

66.32

62.00

62.00

66670.000

60.41

64.71

62.00

62.00

66670.000

66.27

66.12

62.00

62.00

66600.000

61.60

64.29

62.00

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66600.000

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64.29

62.00

62.00

66670.000

66.94

67.22

62.00

62.00

66670.000

69.66

65.52

62.00

62.00

66670.000

70.81

71.20

62.00

62.00

66670.000

67.06

67.24

62.00

62.00

66615.000

70.77

71.11

62.00

62.00

66615.000

73.92

70.12

62.00

62.00

66645.000

69.77

70.11

62.00

62.00

66645.000

70.05

71.22

62.00

62.00

66645.000

73.92

70.05

62.00

62.00

SECNO	CWSEL	FC	FLIC	31M16
697895.000	67.02	67.21	0.00	43.60
697895.000	69.72	70.05	0.00	43.60
697895.000	70.88	71.27	0.00	43.60
697895.000	73.85	74.03	0.00	43.60
695500.000	67.01	67.47	0.00	41.00
695500.000	70.21	70.27	0.00	41.00
695700.000	71.05	71.51	0.00	41.00
695700.000	74.21	74.24	0.00	41.00
700250.000	67.01	67.57	0.00	43.10
700250.000	70.62	70.68	0.00	43.10
700250.000	71.00	71.06	0.00	43.10
700250.000	74.57	74.59	0.00	43.10
702150.000	67.11	67.57	0.00	43.20
702150.000	70.71	70.74	0.00	43.20
702150.000	72.00	72.22	0.00	43.20
702150.000	74.21	74.24	0.00	43.20
702250.000	67.50	68.01	0.00	43.00
702250.000	70.61	70.64	0.00	43.00
702250.000	71.95	72.17	0.00	43.00
702250.000	74.30	74.33	0.00	43.00
702350.000	67.00	67.46	0.00	43.10
702350.000	70.50	70.53	0.00	43.10
702350.000	72.00	72.22	0.00	43.10
702350.000	74.21	74.24	0.00	43.10
702450.000	67.00	67.46	0.00	43.10
702450.000	70.50	70.53	0.00	43.10
702450.000	72.00	72.22	0.00	43.10
702450.000	74.21	74.24	0.00	43.10
702550.000	67.00	67.46	0.00	43.10
702550.000	70.50	70.53	0.00	43.10
702550.000	72.00	72.22	0.00	43.10
702550.000	74.21	74.24	0.00	43.10
702650.000	67.00	67.46	0.00	43.10
702650.000	70.50	70.53	0.00	43.10
702650.000	72.00	72.22	0.00	43.10
702650.000	74.21	74.24	0.00	43.10
702750.000	67.00	67.46	0.00	43.10
702750.000	70.50	70.53	0.00	43.10
702750.000	72.00	72.22	0.00	43.10
702750.000	74.21	74.24	0.00	43.10
702850.000	67.00	67.46	0.00	43.10
702850.000	70.50	70.53	0.00	43.10
702850.000	72.00	72.22	0.00	43.10
702850.000	74.21	74.24	0.00	43.10
702950.000	67.00	67.46	0.00	43.10
702950.000	70.50	70.53	0.00	43.10
702950.000	72.00	72.22	0.00	43.10
702950.000	74.21	74.24	0.00	43.10
703050.000	67.00	67.46	0.00	43.10
703050.000	70.50	70.53	0.00	43.10
703050.000	72.00	72.22	0.00	43.10
703050.000	74.21	74.24	0.00	43.10
703150.000	67.00	67.46	0.00	43.10
703150.000	70.50	70.53	0.00	43.10
703150.000	72.00	72.22	0.00	43.10
703150.000	74.21	74.24	0.00	43.10
703250.000	67.00	67.46	0.00	43.10
703250.000	70.50	70.53	0.00	43.10
703250.000	72.00	72.22	0.00	43.10
703250.000	74.21	74.24	0.00	43.10
703350.000	67.00	67.46	0.00	43.10
703350.000	70.50	70.53	0.00	43.10
703350.000	72.00	72.22	0.00	43.10
703350.000	74.21	74.24	0.00	43.10
703450.000	67.00	67.46	0.00	43.10
703450.000	70.50	70.53	0.00	43.10
703450.000	72.00	72.22	0.00	43.10
703450.000	74.21	74.24	0.00	43.10
703550.000	67.00	67.46	0.00	43.10
703550.000	70.50	70.53	0.00	43.10
703550.000	72.00	72.22	0.00	43.10
703550.000	74.21	74.24	0.00	43.10
703650.000	67.00	67.46	0.00	43.10
703650.000	70.50	70.53	0.00	43.10
703650.000	72.00	72.22	0.00	43.10
703650.000	74.21	74.24	0.00	43.10
703750.000	67.00	67.46	0.00	43.10
703750.000	70.50	70.53	0.00	43.10
703750.000	72.00	72.22	0.00	43.10
703750.000	74.21	74.24	0.00	43.10
703850.000	67.00	67.46	0.00	43.10
703850.000	70.50	70.53	0.00	43.10
703850.000	72.00	72.22	0.00	43.10
703850.000	74.21	74.24	0.00	43.10
703950.000	67.00	67.46	0.00	43.10
703950.000	70.50	70.53	0.00	43.10
703950.000	72.00	72.22	0.00	43.10
703950.000	74.21	74.24	0.00	43.10
704050.000	67.00	67.46	0.00	43.10
704050.000	70.50	70.53	0.00	43.10
704050.000	72.00	72.22	0.00	43.10
704050.000	74.21	74.24	0.00	43.10

SECNO	CWSFL	FG	FLLC	FLFIN
704480.000	68.34	68.58	0.00	42.00
704480.000	71.32	71.60	0.00	42.00
704480.000	72.68	73.03	0.00	42.00
704480.000	75.80	76.43	0.00	42.00
704580.000	68.30	68.58	75.80	42.00
704580.000	71.33	71.61	75.80	42.00
704580.000	72.69	73.00	75.80	42.00
704580.000	75.82	76.45	75.80	42.00
704630.000	68.30	68.51	0.00	42.00
704630.000	71.29	71.60	0.00	42.00
704630.000	72.60	73.08	0.00	42.00
704630.000	75.70	76.53	0.00	42.00
704765.000	68.80	68.85	0.00	42.00
704765.000	71.52	71.68	0.00	42.00
704765.000	72.67	73.15	0.00	42.00
704765.000	76.55	77.03	0.00	42.00
704930.000	68.43	68.51	0.00	42.00
704930.000	71.35	71.71	0.00	42.00
704930.000	72.71	73.11	0.00	42.00
704930.000	76.57	77.03	0.00	42.00
704975.000	68.50	68.85	0.00	42.00
704975.000	71.47	71.70	0.00	42.00
704975.000	72.81	73.20	0.00	42.00
704975.000	76.60	77.03	0.00	42.00
704980.000	68.50	68.85	0.00	42.00
704980.000	71.47	71.70	0.00	42.00
704980.000	72.81	73.21	0.00	42.00
704980.000	76.48	77.12	0.00	42.00
705020.000	68.51	68.89	0.00	42.00
705020.000	71.40	71.75	0.00	42.00
705020.000	72.71	73.22	0.00	42.00
705020.000	76.46	77.11	0.00	42.00
705070.000	68.51	68.86	0.00	42.00
705070.000	71.40	71.76	0.00	42.00
705070.000	72.81	73.22	0.00	42.00
705070.000	76.46	77.15	0.00	42.00
705070.000	68.48	68.81	0.00	42.00
705070.000	71.40	71.75	0.00	42.00
705070.000	72.82	73.21	0.00	42.00
705070.000	76.68	77.11	0.00	42.00

SUMMARY PRINTOUT

SECD	CSFL	BLCP	OCH	GLCP	VLCR	VCR	VPLR
666000.000	61.96	90.19	20079.71	30.00	0.89	0.52	1.09
666000.000	64.82	709.80	28213.59	176.81	0.43	5.35	0.26
666000.000	66.00	1416.30	32643.12	730.50	0.52	5.60	0.31
666000.000	69.23	8929.00	42332.00	6738.56	0.73	6.70	0.51
672000.000	63.21	768.12	19230.70	196.50	0.61	3.70	0.03
672000.000	66.35	1378.80	23551.62	4160.50	0.49	6.03	0.27
672000.000	67.66	1603.70	24523.21	8582.90	0.65	4.00	0.30
672000.000	70.92	2890.33	21825.07	28280.60	0.57	3.92	0.46
686300.000	65.50	2332.00	14784.50	3671.00	0.91	3.51	0.37
686300.000	68.35	4700.00	15310.88	5009.00	0.47	3.20	0.37
686300.000	69.51	5937.02	16032.76	12030.22	0.56	3.20	0.40
686300.000	72.09	10543.50	12386.60	25075.81	0.40	3.20	0.50
68670.000	65.90	278.89	17136.90	2730.17	0.48	3.65	0.40
68670.000	68.61	549.70	19086.97	5060.15	0.51	3.60	0.35
68670.000	69.75	710.91	20197.53	13051.56	0.55	3.60	0.43
68670.000	72.71	1000.52	23521.03	28818.07	0.40	3.70	0.55
691000.000	66.27	75.00	19506.67	210.71	0.70	0.40	0.30
691000.000	69.90	141.00	25232.50	4110.00	0.85	5.10	0.33
691000.000	70.90	107.00	19002.57	5570.00	0.95	5.50	0.50
691000.000	72.00	0.00	37507.03	15000.00	0.31	6.00	0.60
693700.000	68.90	1156.31	19005.37	20.32	0.30	4.10	0.35
693700.000	69.60	1800.00	25700.00	1000.00	1.00	3.00	0.30
693700.000	70.30	2000.00	29600.00	2000.00	1.10	5.00	0.30
693700.000	75.00	1000.00	27500.00	5700.00	0.30	3.00	0.50
693700.000	77.00	0.00	26200.00	0.00	0.30	3.00	0.60
693700.000	79.00	0.00	27600.00	1000.00	0.30	3.00	0.30
693700.000	70.00	0.00	31000.00	2000.00	0.30	0.30	0.50
693700.000	70.00	1000.00	31000.00	0.00	0.30	0.30	0.50
693700.000	71.00	0.00	26200.00	0.00	0.30	0.30	0.60
693700.000	72.00	0.00	27500.00	1000.00	0.30	1.00	0.30
693700.000	70.00	0.00	31500.00	2000.00	0.30	0.30	0.50
693700.000	73.00	1000.00	31200.00	5000.00	0.30	3.00	0.50
693700.000	77.00	1000.00	19000.00	20.00	0.30	4.10	0.30
693700.000	69.00	1700.00	25000.00	1500.00	1.00	3.00	0.30
693700.000	70.00	2100.00	29000.00	2000.00	1.00	3.00	0.30
693700.000	73.00	1000.00	29000.00	1000.00	0.60	3.00	0.30
693700.000	67.00	0.00	16000.00	1000.00	0.30	0.30	0.30
693700.000	70.00	1000.00	12000.00	0.00	0.30	0.30	0.30
693700.000	71.00	1000.00	14000.00	0.00	0.30	0.30	0.30
693700.000	70.00	2000.00	17000.00	0.00	0.30	0.30	0.30
693700.000	70.00	2000.00	17000.00	0.00	0.30	0.30	0.30
700250.000	67.00	5000.00	11500.00	3200.00	0.40	2.00	0.40
700250.000	70.00	9421.70	10671.00	5000.00	0.50	2.77	0.60
700250.000	71.00	11928.77	16730.00	6100.00	0.60	3.00	0.60
700250.000	70.00	20000.00	13024.50	16089.00	0.40	2.19	0.46

SPCFC	CWSFL	GLCB	DCR	QBCP	VICR	VCH	VPCR
702450.000	67.97	2392.92	17726.39	80.69	0.41	2.95	0.35
702450.000	70.74	4697.55	24220.47	173.59	0.60	3.69	0.40
702450.000	72.00	6218.26	28345.07	236.33	0.70	4.10	0.58
702450.000	74.47	11202.70	32269.81	407.05	1.06	5.75	0.86
702525.000	67.88	4602.86	15460.99	132.16	0.70	4.10	0.67
702525.000	70.69	8110.70	20760.90	228.32	0.98	4.85	0.81
702525.000	71.95	10352.90	24162.70	292.21	1.10	5.47	0.97
702525.000	74.39	17716.65	35011.13	472.21	1.61	7.25	1.20
702575.000	69.64	0.00	20700.00	0.00	0.00	2.10	0.00
702575.000	70.90	0.00	29100.00	0.00	0.00	2.29	0.00
702575.000	72.20	0.00	38000.00	0.00	0.00	2.50	0.00
702575.000	74.55	0.00	50000.00	0.00	0.00	3.11	0.00
702605.000	69.05	0.00	20200.00	0.00	0.00	2.10	0.00
702605.000	70.90	0.00	29100.00	0.00	0.00	2.29	0.00
702605.000	72.20	0.00	38000.00	0.00	0.00	2.50	0.00
702605.000	74.05	0.00	50000.00	0.00	0.00	3.11	0.00
702655.000	67.95	2000.00	15000.00	125.71	0.75	4.21	0.57
702655.000	70.80	4200.00	20700.00	175.81	1.00	4.77	0.80
702655.000	72.00	6000.00	28000.00	235.25	1.10	5.11	0.90
702655.000	74.10	10000.00	35000.00	350.27	1.60	6.00	1.20
702715.000	67.97	4500.00	15000.00	125.20	0.75	4.20	0.57
702715.000	70.73	8500.00	20700.00	175.00	1.00	4.77	0.80
702715.000	72.00	12000.00	28000.00	235.00	1.10	5.11	0.90
702715.000	74.00	17000.00	35000.00	350.00	1.60	6.00	1.20
702800.000	67.97	0.00	10000.00	100.00	0.50	2.50	0.25
702800.000	71.35	1000.00	21100.00	300.00	1.10	3.50	0.77
702800.000	72.00	1000.00	28000.00	350.00	1.20	4.00	0.80
702800.000	74.00	1000.00	35000.00	450.00	1.50	5.00	1.00
702850.000	67.97	1000.00	10000.00	100.00	0.50	2.50	0.25
702850.000	71.35	1000.00	21100.00	300.00	1.10	3.50	0.77
702850.000	72.00	1000.00	28000.00	350.00	1.20	4.00	0.80
702850.000	74.00	1000.00	35000.00	450.00	1.50	5.00	1.00
702900.000	67.97	0.00	10000.00	100.00	0.50	2.50	0.25
702900.000	71.35	0.00	21100.00	300.00	1.10	3.50	0.77
702900.000	72.00	0.00	28000.00	350.00	1.20	4.00	0.80
702900.000	74.00	0.00	35000.00	450.00	1.50	5.00	1.00
702950.000	67.97	0.00	10000.00	100.00	0.50	2.50	0.25
702950.000	71.35	0.00	21100.00	300.00	1.10	3.50	0.77
702950.000	72.00	0.00	28000.00	350.00	1.20	4.00	0.80
702950.000	74.00	0.00	35000.00	450.00	1.50	5.00	1.00
703000.000	67.97	0.00	10000.00	100.00	0.50	2.50	0.25
703000.000	71.35	0.00	21100.00	300.00	1.10	3.50	0.77
703000.000	72.00	0.00	28000.00	350.00	1.20	4.00	0.80
703000.000	74.00	0.00	35000.00	450.00	1.50	5.00	1.00
703050.000	67.97	0.00	10000.00	100.00	0.50	2.50	0.25
703050.000	71.35	0.00	21100.00	300.00	1.10	3.50	0.77
703050.000	72.00	0.00	28000.00	350.00	1.20	4.00	0.80
703050.000	74.00	0.00	35000.00	450.00	1.50	5.00	1.00

CONTINUED

SECHO	CRSEL	GLCB	OCB	OROP	VLOR	VOR	VROR
700765.000	68.40	908.88	18513.73	777.40	0.78	4.05	0.79
700765.000	71.52	1571.18	26197.11	1361.71	1.05	5.09	1.00
700765.000	72.67	2063.56	31020.76	1775.67	1.21	5.70	1.16
700765.000	76.55	27692.72	21375.63	4751.65	0.66	3.47	0.51
700930.000	68.43	822.83	15615.72	701.65	0.81	4.11	0.78
700930.000	71.55	1402.21	26400.11	1297.66	1.08	5.13	1.05
700930.000	72.71	1780.56	31170.75	1600.92	1.25	5.86	1.21
700930.000	76.57	27901.03	21160.91	4771.36	0.66	3.47	0.51
700975.000	68.50	82.00	20175.73	2.20	0.81	3.61	0.81
700975.000	71.47	30.50	29057.92	7.89	0.50	0.15	0.47
700975.000	72.97	92.50	34715.92	11.40	0.50	0.67	0.57
700975.000	76.60	28250.70	21095.50	4649.72	0.50	2.05	0.36
700980.000	68.50	0.00	20200.00	0.00	0.00	3.51	0.00
700980.000	71.31	0.00	29100.00	0.00	0.00	4.15	0.00
700980.000	72.87	0.00	34800.00	0.00	0.00	4.80	0.00
700980.000	76.45	1952.87	41260.91	5603.22	0.15	0.7	0.57
705020.000	68.51	0.00	20200.00	0.00	0.00	3.51	0.00
705020.000	71.30	0.00	29100.00	0.00	0.00	4.15	0.00
705020.000	72.89	0.00	34800.00	0.00	0.00	4.80	0.00
705020.000	76.46	1965.82	41200.00	5603.22	0.00	0.75	0.57
705025.000	68.51	0.00	20173.7	0.22	0.81	3.71	0.77
705025.000	71.47	0.00	29050.21	10.00	0.50	0.15	0.47
705025.000	72.89	0.00	34750.10	11.20	0.50	0.67	0.51
705025.000	76.45	1952.87	41260.91	5603.22	0.15	0.70	0.57
705070.000	68.40	908.88	18513.73	777.40	0.78	4.05	0.79
705070.000	71.50	1563.56	26197.11	1361.71	1.05	5.09	1.00
705070.000	72.67	2063.56	31020.76	1775.67	1.21	5.70	1.16
705070.000	76.55	27692.72	21375.63	4751.65	0.66	3.47	0.51

SI CNO	CWSFL	SSTA	STCML	STCHR	FPOST	TOPAIC
702450.000	67.94	9250.00	10000.00	10205.00	10250.00	1000.00
702450.000	70.70	9250.00	10000.00	10205.00	10250.00	1000.00
702450.000	72.00	9250.00	10000.00	10205.00	10250.00	1000.00
702450.000	74.47	9250.00	10000.00	10205.00	10250.00	1000.00
702525.000	67.88	9280.00	10020.00	10197.00	10220.00	940.00
702525.000	70.60	9280.00	10020.00	10197.00	10220.00	940.00
702525.000	71.95	9280.00	10020.00	10197.00	10220.00	940.00
702525.000	74.39	9280.00	10020.00	10197.00	10220.00	940.00
702575.000	68.00	9300.00	9300.00	10217.00	10210.48	912.58
702575.000	70.90	9300.00	9300.00	10217.00	10215.58	916.58
702575.000	72.20	9300.00	9300.00	10217.00	10216.09	916.09
702575.000	74.54	9300.00	9300.00	10217.00	10217.00	917.00
702605.000	68.05	9300.00	9300.00	10217.00	10210.48	912.48
702605.000	70.90	9300.00	9300.00	10217.00	10215.58	916.58
702605.000	72.20	9300.00	9300.00	10217.00	10216.09	916.09
702605.000	74.05	9300.00	9300.00	10217.00	10217.00	917.00
702655.000	67.95	9260.00	10020.00	10197.00	10275.00	1015.00
702655.000	70.70	9260.00	10020.00	10197.00	10275.00	1015.00
702655.000	72.05	9260.00	10020.00	10197.00	10275.00	1015.00
702655.000	74.10	9260.00	10020.00	10197.00	10275.00	1015.00
702730.000	67.90	9210.00	10020.00	10197.00	10290.00	1020.00
702730.000	70.75	9210.00	10020.00	10197.00	10290.00	1020.00
702730.000	72.12	9210.00	10020.00	10197.00	10290.00	1020.00
702730.000	74.02	9210.00	10020.00	10197.00	10290.00	1020.00
700390.000	67.97	10350.00	10050.00	10005.00	10750.00	015.00
700390.000	71.17	10350.00	10050.00	10005.00	10750.00	015.00
700390.000	72.47	10350.00	10050.00	10005.00	10750.00	015.00
700390.000	74.72	10350.00	10050.00	10005.00	10750.00	015.00
700430.000	67.90	10350.00	10050.00	10005.00	10735.00	015.00
700430.000	71.17	10350.00	10050.00	10005.00	10735.00	015.00
700430.000	72.50	10350.00	10050.00	10005.00	10735.00	015.00
700430.000	74.80	10350.00	10050.00	10005.00	10735.00	015.00
700470.000	67.90	10350.00	10050.00	10005.00	10720.00	015.00
700470.000	71.17	10350.00	10050.00	10005.00	10720.00	015.00
700470.000	72.64	10350.00	10050.00	10005.00	10720.00	015.00
700470.000	74.80	10350.00	10050.00	10005.00	10720.00	015.00
700510.000	67.90	10350.00	10050.00	10005.00	10705.00	015.00
700510.000	71.17	10350.00	10050.00	10005.00	10705.00	015.00
700510.000	72.60	10350.00	10050.00	10005.00	10705.00	015.00
700510.000	74.82	10350.00	10050.00	10005.00	10705.00	015.00
700630.000	67.90	10300.00	10000.00	10000.00	10750.00	015.00
700630.000	71.20	10300.00	10000.00	10000.00	10750.00	015.00
700630.000	72.64	10300.00	10000.00	10000.00	10750.00	015.00
700630.000	74.70	10300.00	10000.00	10000.00	10750.00	015.00

SECR	CRSEL	SSTA	STPL	STCR	EMST	TOPW
700765.000	68.46	10330.00	10005.00	10640.00	10750.00	420.00
700765.000	71.32	10330.00	10005.00	10640.00	10750.00	420.00
700765.000	72.67	10330.00	10005.00	10640.00	10750.00	420.00
700765.000	76.55	6362.10	10005.00	10640.00	11862.00	5399.17
100930.000	60.42	10350.00	10005.00	10640.00	10730.00	380.00
100930.000	71.35	10350.00	10005.00	10640.00	10730.00	380.00
100930.000	72.71	10350.00	10005.00	10640.00	10730.00	380.00
100930.000	76.57	6450.00	10005.00	10640.00	11902.00	5500.17
100970.000	60.51	10250.00	10000.00	10607.00	10650.00	350.00
100970.000	71.37	10250.00	10000.00	10607.00	10650.00	350.00
100970.000	72.67	10250.00	10000.00	10607.00	10650.00	350.00
100970.000	76.57	6400.00	10000.00	10607.00	12000.00	7210.00
100970.000	60.50	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	71.37	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	72.67	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	76.57	6000.00	10000.00	10607.00	12000.00	7000.00
100970.000	60.51	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	71.37	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	72.67	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	76.57	6000.00	10000.00	10607.00	12000.00	7000.00
100970.000	60.51	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	71.37	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	72.67	10300.00	10000.00	10607.00	10607.00	300.00
100970.000	76.57	6000.00	10000.00	10607.00	12000.00	7000.00

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SUMMARY PRINTOUT TABLE 150

SECNO	ALCH	ELI 15	ELI 1	ELI 11	B	CASEI	CP1-5	FC	10448	VCH	AREA	01*
666000.000	26000.00	0.00	0.00	36.80	20200.00	61.96	0.00	62.25	2.40	4.33	4887.92	13072.05
666000.000	26000.00	0.00	0.00	36.80	29100.00	64.82	0.00	65.25	2.09	5.35	7610.50	16564.54
666000.000	26000.00	0.00	0.00	36.80	34800.00	66.00	0.00	66.51	2.52	5.90	10649.91	18548.02
666000.000	26000.00	0.00	0.00	36.80	50000.00	69.23	0.00	69.79	3.96	6.78	26144.91	27146.03
672000.000	6000.00	0.00	0.00	38.50	20200.00	63.21	0.00	63.82	1.60	3.74	6659.15	15972.27
672000.000	6000.00	0.00	0.00	38.50	29100.00	66.35	0.00	66.96	1.58	4.03	22995.56	24182.90
672000.000	6000.00	0.00	0.00	38.50	34800.00	67.66	0.00	67.83	1.46	4.00	33768.16	28845.36
672000.000	6000.00	0.00	0.00	38.50	50000.00	76.92	0.00	71.54	1.20	3.92	80683.25	89200.10
688000.000	10500.00	0.00	0.00	41.60	20200.00	65.54	0.00	65.69	1.56	3.51	18291.86	16184.73
688000.000	10500.00	0.00	0.00	41.60	29100.00	68.35	0.00	68.84	1.10	3.20	19477.11	27744.50
688000.000	10500.00	0.00	0.00	41.60	34800.00	69.51	0.00	69.98	1.03	3.20	48786.54	36275.78
688000.000	10500.00	0.00	0.00	41.60	50000.00	72.49	0.00	71.55	0.93	3.29	78038.08	55960.06
694000.000	2320.00	0.00	0.00	42.21	20200.00	65.50	0.00	66.07	1.65	3.65	12060.56	15719.75
694000.000	2320.00	0.00	0.00	42.21	29100.00	68.11	0.00	68.74	1.37	3.60	40735.66	20869.53
694000.000	2320.00	0.00	0.00	42.21	34800.00	69.75	0.00	69.87	1.31	3.04	38930.16	30354.54
694000.000	2320.00	0.00	0.00	42.21	50000.00	72.71	0.00	72.81	1.23	3.79	62575.93	48666.17
694000.000	2350.00	0.00	0.00	41.80	20200.00	66.38	0.00	66.58	2.55	4.44	5373.06	12642.89
694000.000	2350.00	0.00	0.00	41.80	29100.00	67.25	0.00	67.24	2.92	5.13	12404.79	17038.54
694000.000	2350.00	0.00	0.00	41.80	34800.00	69.55	0.00	70.38	3.17	5.51	15620.29	16944.12
694000.000	2350.00	0.00	0.00	41.80	50000.00	72.35	0.00	73.40	3.74	6.44	26257.40	27035.59
697265.000	2765.00	0.00	0.00	43.80	20200.00	67.58	0.00	67.22	2.10	4.10	6119.95	13940.35
697265.000	2765.00	0.00	0.00	43.80	29100.00	69.94	0.00	69.99	2.60	4.93	10252.86	16042.01
697265.000	2765.00	0.00	0.00	43.80	34800.00	70.71	0.00	71.20	2.56	5.42	12521.54	20237.26
697265.000	2765.00	0.00	0.00	43.80	50000.00	73.88	0.00	74.04	3.20	4.57	49344.25	40194.70
698415.000	50.00	0.00	0.00	43.80	20200.00	67.07	0.00	67.21	1.57	3.42	5985.01	14382.98
698415.000	50.00	0.00	0.00	43.80	29100.00	67.27	0.00	70.01	2.43	4.64	10705.76	18676.51
698415.000	50.00	0.00	0.00	43.80	34800.00	70.35	0.00	71.22	2.32	4.41	12821.17	21691.52
698415.000	50.00	0.00	0.00	43.80	50000.00	73.87	0.00	74.05	1.62	3.75	49924.31	42885.72
698415.000	50.00	70.00	70.11	43.80	20200.00	67.07	0.00	67.21	1.57	3.42	5987.67	14394.10
698415.000	50.00	70.00	70.11	43.80	29100.00	67.17	0.00	70.01	2.35	4.08	10704.39	18682.06
698415.000	50.00	70.00	70.11	43.80	34800.00	70.51	0.00	71.22	2.32	4.01	12821.39	21691.59
698415.000	50.00	70.00	70.16	43.80	50000.00	73.92	0.00	74.05	1.62	3.75	49924.65	42886.11
698415.000	50.00	0.00	0.00	43.80	20200.00	67.03	0.00	67.21	2.10	3.16	6141.30	13930.99
698415.000	50.00	0.00	0.00	43.80	29100.00	69.72	0.00	70.04	2.50	4.93	10788.22	18691.68
698415.000	50.00	0.00	0.00	43.80	34800.00	70.35	0.00	71.21	2.55	5.42	12864.62	20270.27
698415.000	50.00	0.00	0.00	43.80	50000.00	73.90	0.00	74.08	1.96	4.78	46503.40	38559.27
698700.000	1005.00	0.00	0.00	41.80	20200.00	67.91	0.00	67.87	0.95	2.71	24414.78	21854.85
698700.000	1005.00	0.00	0.00	41.80	29100.00	70.21	0.00	70.21	0.94	2.91	35516.77	31719.53
698700.000	1005.00	0.00	0.00	41.80	34800.00	71.45	0.00	71.51	0.87	3.05	43736.85	37378.88
698700.000	1005.00	0.00	0.00	41.80	50000.00	74.23	0.00	74.28	1.00	3.49	66119.94	54123.97
700250.000	4950.00	0.00	0.00	43.10	20200.00	67.81	0.00	67.87	0.74	2.45	24160.89	23510.05
700250.000	4950.00	0.00	0.00	43.10	29100.00	70.62	0.00	70.68	0.80	2.77	31177.41	32464.13
700250.000	4950.00	0.00	0.00	43.10	34800.00	71.88	0.00	71.95	0.89	3.01	34322.36	36907.50
700250.000	4950.00	0.00	0.00	43.10	50000.00	74.57	0.00	74.59	0.42	2.19	96662.65	83805.22

SECNO	XICH	FLTRD	FILC	FILTA	Q	CASEI	CRIPS	FG	10K*5	VCH	AREA	.01K
702450.000	2200.00	0.00	0.00	33.20	20200.00	67.93	0.00	68.05	0.74	2.95	12015.53	23016.29
702450.000	2200.00	0.00	0.00	33.20	29100.00	70.14	0.00	70.91	1.02	3.68	10823.82	28746.28
702450.000	2200.00	0.00	0.00	33.20	30000.00	72.00	0.00	72.22	1.23	4.14	16047.44	31337.06
702450.000	2200.00	0.00	0.00	33.20	50000.00	74.07	0.00	74.88	2.16	5.75	10560.15	36732.24
702525.000	75.00	0.00	0.00	42.80	20200.00	67.88	1.00	68.08	2.13	4.08	10178.63	13827.57
702525.000	75.00	0.00	0.00	42.80	29100.00	70.69	1.00	70.95	2.55	4.85	12816.22	18224.44
702525.000	75.00	0.00	0.00	42.80	30000.00	71.95	1.00	72.21	2.92	5.37	13995.97	20378.19
702525.000	75.00	0.00	0.00	42.80	50000.00	74.59	0.00	74.95	4.12	7.25	16299.20	24863.60
702575.000	50.00	0.00	0.00	42.80	20200.00	68.84	0.00	68.10	1.22	2.00	10104.28	18275.15
702575.000	50.00	0.00	0.00	42.80	29100.00	70.50	0.00	70.94	1.19	2.20	12713.64	26624.72
702575.000	50.00	0.00	0.00	42.80	30000.00	72.20	0.00	72.29	1.27	2.50	13903.20	30825.99
702575.000	50.00	0.00	0.00	42.80	50000.00	76.83	0.00	75.00	1.80	3.31	16317.29	39756.49
702605.000	50.00	17.50	70.50	42.80	20200.00	68.15	0.01	68.11	1.22	2.00	10108.95	18289.02
702605.000	50.00	17.50	70.50	42.80	29100.00	71.96	1.00	70.90	1.19	2.20	12715.26	26648.96
702605.000	50.00	17.50	70.50	42.80	30000.00	72.20	0.01	72.31	1.27	2.50	13905.71	30849.88
702605.000	50.00	17.50	70.50	42.80	50000.00	75.65	0.00	75.22	1.73	3.27	16520.32	41004.93
702655.000	50.00	0.00	0.00	42.80	20200.00	67.50	0.00	68.15	2.00	4.01	10698.62	14132.00
702655.000	50.00	0.00	0.00	42.80	29100.00	70.80	0.00	71.04	2.41	4.73	13562.45	18752.40
702655.000	50.00	0.00	0.00	42.80	30000.00	72.00	0.00	72.31	2.70	5.21	14861.87	21038.18
702655.000	50.00	0.00	0.00	42.80	50000.00	75.13	0.00	75.24	0.18	3.00	8146.08	61219.06
702730.000	75.00	0.00	0.00	42.80	20200.00	67.59	0.00	68.17	1.91	3.95	11107.43	14350.70
702730.000	75.00	0.00	0.00	42.80	29100.00	71.48	0.00	71.06	2.30	4.65	10250.91	19178.19
702730.000	75.00	0.00	0.00	42.80	30000.00	72.10	0.00	72.39	2.60	5.09	15650.40	21570.55
702730.000	75.00	0.00	0.00	42.80	50000.00	74.50	0.00	75.37	4.54	6.71	10707.19	27204.88
702750.000	1000.00	0.00	0.00	42.80	20200.00	68.20	0.00	68.55	2.25	4.30	5831.50	13478.84
702750.000	1000.00	0.00	0.00	42.80	29100.00	71.15	0.00	71.16	3.02	5.40	7016.81	16750.35
702750.000	1000.00	0.00	0.00	42.80	30000.00	72.20	0.00	72.50	4.00	6.10	7548.92	18466.63
702750.000	1000.00	0.00	0.00	42.80	50000.00	75.50	0.00	76.33	5.00	8.46	8750.85	22121.81
702830.000	50.00	0.00	0.00	42.80	20200.00	68.20	0.00	68.56	2.26	4.35	5094.75	13444.44
702830.000	50.00	0.00	0.00	42.80	29100.00	71.13	0.00	71.51	3.05	5.47	6795.22	16655.05
702830.000	50.00	0.00	0.00	42.80	30000.00	72.20	0.00	72.59	4.00	6.10	7298.82	18231.17
702830.000	50.00	0.00	0.00	42.80	50000.00	75.50	0.00	76.37	5.07	8.54	8411.10	21925.91
702850.000	50.00	0.00	0.00	42.80	20200.00	68.20	0.00	68.58	2.12	4.00	5858.12	13866.21
702850.000	50.00	0.00	0.00	42.80	29100.00	71.30	0.00	71.61	2.50	4.22	6885.17	18071.51
702850.000	50.00	0.00	0.00	42.80	30000.00	72.20	0.00	72.63	3.50	4.72	7368.02	20183.24
702850.000	50.00	0.00	0.00	42.80	50000.00	75.50	0.00	76.33	4.17	6.50	8465.43	25270.89
702850.000	100.00	15.00	75.50	42.80	20200.00	68.00	0.00	68.53	2.10	3.90	5855.75	13872.50
702850.000	100.00	15.00	75.50	42.80	29100.00	71.30	0.00	71.61	2.50	4.22	6893.53	18061.41
702850.000	100.00	15.00	75.50	42.80	30000.00	72.20	0.00	72.63	3.50	4.72	7370.95	20176.53
702850.000	100.00	15.00	75.50	42.80	50000.00	75.50	0.00	76.33	4.56	6.50	8471.01	25297.92
702850.000	50.00	0.00	0.00	42.80	20200.00	68.20	0.00	68.61	1.80	4.03	6540.91	15075.56
702850.000	50.00	0.00	0.00	42.80	29100.00	71.29	0.00	71.64	2.41	5.05	7501.34	18746.21
702850.000	50.00	0.00	0.00	42.80	30000.00	72.20	0.00	72.68	3.27	5.69	8967.90	20554.12
702850.000	50.00	0.00	0.00	42.80	50000.00	75.10	0.00	76.53	4.69	7.81	10038.16	24937.27

SUMMARY PRIORIT TABLE 150

1112	SEC. 6	0	C. 511	FILE 30	FILE 50	FILE 65	FILE 70	FILE 80
"	66000.000	20200.00	61.56	1.00	0.00	0.00	332.00	2000.00
"	66000.000	29100.00	60.22	2.00	0.00	0.00	1931.37	2000.00
"	66000.000	30800.00	60.60	1.10	0.00	0.00	5171.17	2000.00
"	66000.000	50000.00	60.23	2.23	0.00	0.00	6020.11	2000.00
"	67000.000	20200.00	63.71	0.00	1.25	2.00	810.92	4000.00
"	67000.000	29100.00	66.35	2.15	1.53	1.00	1922.56	4000.00
"	67000.000	30800.00	67.16	1.7	1.64	1.00	6617.30	4000.00
"	67000.000	50000.00	71.52	2.20	1.65	2.20	12512.60	4000.00
1116	68000.000	20200.00	65.51	1.03	2.54	1.00	2031.51	10000.00
"	68000.000	29100.00	67.35	2.31	2.00	1.00	3021.32	10000.00
"	68000.000	30800.00	68.11	1.15	1.25	1.00	4103.53	10000.00
"	68000.000	50000.00	72.30	2.00	1.50	1.00	11511.50	10000.00
"	69000.000	20200.00	69.50	0.00	0.00	0.00	2036.96	2000.00
"	69000.000	29100.00	69.51	2.10	0.00	0.00	2105.22	2000.00
"	69000.000	30800.00	69.70	1.10	0.00	0.00	2251.44	2000.00
"	69000.000	50000.00	70.11	2.00	0.21	1.00	9102.52	2000.00
"	70000.000	20200.00	70.21	0.00	0.00	1.00	2301.10	2000.00
"	70000.000	29100.00	70.20	2.00	0.27	1.00	2401.10	2000.00
"	70000.000	30800.00	70.50	1.11	0.20	1.00	2501.10	2000.00
"	70000.000	50000.00	72.30	2.00	0.17	1.00	5010.11	2000.00
"	71000.000	20200.00	69.20	0.00	0.00	0.00	2004.00	2000.00
"	71000.000	29100.00	69.40	2.00	0.00	0.00	2103.10	2000.00
"	71000.000	30800.00	70.21	1.10	0.00	0.00	2203.00	2000.00
"	71000.000	50000.00	71.20	2.00	0.00	0.00	5010.51	2000.00
"	72000.000	20200.00	71.20	0.00	0.00	0.00	2010.10	50.00
"	72000.000	29100.00	71.11	2.11	0.10	2.11	2110.10	50.00
"	72000.000	30800.00	71.20	1.11	0.00	2.00	2200.00	50.00
"	72000.000	50000.00	71.22	2.00	0.00	1.00	5010.10	50.00
"	73000.000	20200.00	67.00	0.00	0.00	1.00	2010.00	40.00
"	73000.000	29100.00	69.11	2.11	0.00	2.11	2101.11	40.00
"	73000.000	30800.00	70.20	1.10	0.00	2.00	2200.00	40.00
"	73000.000	50000.00	71.20	2.00	0.00	1.00	5010.10	40.00
1118	74000.000	20200.00	67.25	0.00	-0.00	1.00	2100.00	50.00
"	74000.000	29100.00	69.12	2.00	-0.00	2.00	2110.00	50.00
"	74000.000	30800.00	71.20	1.10	-0.17	2.00	2200.00	50.00
"	74000.000	50000.00	71.20	2.00	-0.00	1.00	5010.00	50.00
"	69500.000	20200.00	71.01	0.00	0.00	1.00	2110.00	1000.00
"	69500.000	29100.00	70.21	2.00	1.00	2.00	2201.00	1000.00
"	69500.000	30800.00	71.20	1.20	0.17	0.00	2300.10	1000.00
"	69500.000	50000.00	70.21	2.11	0.24	0.00	5000.00	1000.00
"	700250.000	20200.00	67.01	0.00	0.00	0.00	2500.00	4550.00
"	700250.000	29100.00	70.22	2.01	0.01	2.02	2500.00	4550.00
"	700250.000	30800.00	71.00	1.26	0.43	0.00	2500.00	4550.00
"	700250.000	50000.00	70.27	2.69	0.35	0.00	8774.50	4550.00

SECNO	Q	CRSEI	DIFESP	LICASA	DIFKAS	TOPWIC	MIFF
700765.000	20200.00	68.46	0.00	0.00	0.00	020.00	135.00
700765.000	20100.00	71.32	2.92	0.13	2.92	020.00	135.00
700765.000	39800.00	72.67	1.35	0.03	0.27	120.00	135.00
700765.000	50000.00	76.55	2.88	0.05	0.15	199.07	135.00
700730.000	20200.00	68.43	0.00	0.00	0.00	020.00	165.00
700730.000	20100.00	71.35	2.92	0.03	2.92	020.00	165.00
700730.000	39800.00	72.71	1.50	0.00	0.23	020.00	165.00
700730.000	50000.00	76.57	2.96	0.11	0.14	199.07	165.00
700715.000	20200.00	68.50	0.00	0.00	0.00	020.00	05.00
700715.000	20100.00	71.47	2.97	0.12	2.97	020.00	05.00
700715.000	39800.00	72.87	1.39	0.16	0.27	020.00	05.00
700715.000	50000.00	76.70	2.93	0.03	0.10	199.07	05.00
700700.000	20200.00	68.50	0.00	0.00	0.00	020.00	5.00
700700.000	20100.00	71.62	2.97	0.00	2.97	020.00	5.00
700700.000	39800.00	72.83	1.39	0.00	0.27	020.00	5.00
700700.000	50000.00	76.70	2.93	0.11	0.10	199.07	5.00
700675.000	20200.00	68.43	0.00	0.11	0.00	020.00	00.00
700675.000	20100.00	71.40	2.97	0.11	2.97	020.00	00.00
700675.000	39800.00	72.81	1.39	0.11	0.27	020.00	00.00
700675.000	50000.00	76.70	2.93	0.01	0.00	199.07	00.00
700650.000	20200.00	68.43	0.00	0.11	0.00	020.00	5.00
700650.000	20100.00	71.40	2.97	0.11	2.97	020.00	5.00
700650.000	39800.00	72.81	1.39	0.11	0.27	020.00	5.00
700650.000	50000.00	76.70	2.93	0.11	0.10	199.07	5.00
700625.000	20200.00	68.43	0.00	0.11	0.00	020.00	5.00
700625.000	20100.00	71.40	2.97	0.11	2.97	020.00	5.00
700625.000	39800.00	72.81	1.39	0.11	0.27	020.00	5.00
700625.000	50000.00	76.70	2.93	0.11	0.10	199.07	5.00
700600.000	20200.00	68.43	0.00	0.11	0.00	020.00	05.00
700600.000	20100.00	71.40	2.97	0.11	2.97	020.00	05.00
700600.000	39800.00	72.81	1.39	0.11	0.27	020.00	05.00
700600.000	50000.00	76.70	2.93	0.11	0.10	199.07	05.00

1190

THIS RUN EXECUTED 13 MAY 80 16:20:10
 NUSEF

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

T1 LEUSE RIVER BACKWATER--GOLDSBORO CUTOFF
 T2 100 YR FLOOD MODIFIED BY FALLS
 T3 FWF OCT 1979 --MODIFIED BY MRP APR 80

J1	ICHECK	ING	NINV	IDIR	STRT	MTRIC	PVINS	G	WSFL	FO
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	72.82J	0.000
J2	APROF	IPLOT	PREVS	XSECV	XSECH	EM	ALDCL	IBW	CPWIN	ITWCF
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	41.000	42.000	5.000	43.000	0.000	38.000	1.000
	53.000	21.000	22.000	50.000	4.000	0.000	200.000	0.000	0.000	0.000
GT	5.000	20200.000	29100.000	74800.000	54000.000	7000.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10320.000	10760.000
X1	705070.000	28.000	10445.000	10640.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	80.000	5500.000	70.000	8000.000	65.000	4200.000	60.000	8450.000	60.000	9000.000
GR	60.000	9500.000	63.000	10050.000	62.000	10150.000	61.800	10250.000	60.700	10380.000
GR	56.300	10396.000	56.200	10425.000	53.100	10445.000	48.900	10453.000	43.700	10475.000
GR	44.100	10500.000	42.000	10525.000	44.100	10540.000	45.100	10575.000	44.300	10600.000
GR	46.100	10625.000	47.700	10632.000	52.300	10640.000	65.300	10750.000	68.400	10850.000
GR	68.600	10950.000	70.000	11600.000	80.000	12000.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	8.000	0.500	3150.000	0.120	4000.000	0.250	5000.000	0.055	5218.000	0.250
NH	6600.000	0.120	7000.000	0.040	7100.000	0.120	11500.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	3100.000	7125.000
X1	708000.000	33.000	5000.000	5218.000	1200.000	1000.000	2430.000	0.000	0.000	0.000
GR	80.000	1100.000	75.000	1150.000	75.000	1250.000	75.000	3020.000	75.000	3150.000
GR	70.000	3200.000	65.000	4000.000	60.000	4120.000	60.000	4300.000	55.000	4900.000
GR	51.000	5000.000	48.000	5007.000	44.300	5050.000	39.700	5075.000	39.700	5150.000
GR	42.200	5175.000	47.900	5207.000	51.600	5218.000	54.700	5250.000	60.000	6500.000
GR	65.000	6600.000	65.000	6880.000	62.000	6975.000	55.000	7000.000	49.000	7025.000
GR	49.000	7075.000	55.000	7100.000	65.000	7115.000	72.000	7125.000	70.000	7700.000
GR	70.000	9350.000	75.000	11300.000	80.000	11500.000	0.000	0.000	0.000	0.000
NH	6.000	0.250	5000.000	0.055	5187.000	0.250	9000.000	0.120	10635.000	0.040
NH	10740.000	0.120	16400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4250.000	10760.000
X1	713300.000	27.000	5000.000	5187.000	4000.000	1600.000	5300.000	0.000	0.000	0.000
GR	80.000	2000.000	75.000	2700.000	60.000	2850.000	55.000	4950.000	54.000	5000.000

10

GR	47.000	5006.000	72.200	5025.000	47.400	5050.000	48.000	5075.000	46.900	5100.000
GR	48.200	5120.000	51.100	5132.000	55.900	5187.000	60.000	8100.000	65.000	9000.000
GR	65.000	10500.000	71.000	10610.000	58.000	10635.000	53.000	10640.000	50.000	10710.000
GR	51.000	10730.000	59.000	10740.000	72.000	10760.000	70.000	11000.000	70.000	10800.000
GR	75.000	15000.000	80.000	16400.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	6.000	0.120	5000.000	0.055	5180.000	0.250	6200.000	0.120	13850.000	0.000
NH	13930.000	0.120	18700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	19000.000	27600.000	33200.000	53200.000	33200.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4090.000	13980.000

X1	724700.000	43.000	5000.000	5180.000	10000.000	2200.000	11000.000	0.000	0.000	0.000
GR	80.000	-2500.000	75.000	2750.000	70.000	3170.000	65.000	3360.000	65.000	3530.000
GR	70.000	3650.000	70.000	4500.000	65.000	4650.000	60.000	4700.000	60.000	4950.000
GR	57.400	5000.000	50.300	5006.000	48.900	5025.000	48.400	5050.000	47.900	5075.000
GR	48.000	5125.000	48.200	5150.000	50.700	5175.000	53.100	5180.000	55.000	5220.000
GR	60.000	5280.000	65.000	5340.000	70.000	5400.000	70.000	6020.000	65.000	6200.000
GR	65.000	7900.000	70.000	8350.000	70.000	11950.000	68.000	13000.000	70.000	13600.000
GR	70.000	13700.000	69.000	13815.000	57.000	13850.000	53.000	13855.000	51.000	13875.000
GR	49.500	13900.000	51.000	13925.000	55.000	13930.000	65.000	13950.000	70.000	13980.000
GR	70.000	17200.000	75.000	17550.000	80.000	18700.000	0.000	0.000	0.000	0.000
NH	6.000	0.120	1650.000	0.250	6000.000	0.040	6183.000	0.250	6250.000	0.120
NH	6880.000	0.500	18700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	3430.000	9530.000

X1	705450.000	23.000	6000.000	6183.000	6000.000	10000.000	20750.000	0.000	0.000	0.000
GR	80.000	0.000	75.000	300.000	70.000	1650.000	65.000	3650.000	63.000	5000.000
GR	65.000	5800.000	60.000	5950.000	57.400	6000.000	50.300	6006.000	48.900	6025.000
GR	46.000	6050.000	46.000	6150.000	50.700	6175.000	53.100	6183.000	60.000	6210.000
GR	65.000	6250.000	65.000	6880.000	60.000	6920.000	58.000	9000.000	60.000	10650.000
GR	65.000	11000.000	75.000	11200.000	80.000	11250.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

OFFICE ELECTRONIC

THIS RUN EXECUTED 13 MAY 80 16:20:26

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

T1 NEUSE RIVER BACKWATER--GOLDSBORO CUTOFF
T2 100 YR ENCR
T3 EMF OCT 1979 --MODIFIED BY MRP APR 80

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	73.720	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IHW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

PERFORMANCE ELECTRONICS INC

THIS RUN EXECUTED 13 MAY 80 16:20:30

HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ENE OCT 1979 --MODIFIED

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELLC	ELMIN	10K*9	Q
V 705070.000	72.82	73.26	0.00	42.00	2.82	34800.00
705070.000	73.72	74.13	0.00	42.00	2.50	34800.00
W 708000.000	73.53	73.56	0.00	39.70	0.60	34800.00
708000.000	74.38	74.41	0.00	39.70	0.58	34800.00
N 713300.000	73.69	73.69	0.00	42.20	0.31	34800.00
713300.000	74.55	74.55	0.00	42.20	0.38	34800.00
O 724700.000	73.90	73.91	0.00	47.90	0.54	33200.00
724700.000	74.78	74.79	0.00	47.90	0.54	33200.00
745450.000	74.59	74.63	0.00	46.00	0.60	33200.00
745450.000	75.52	75.57	0.00	46.00	0.67	33200.00

EMF OCT 1979 --MODIFIE

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
705070.000	72.82	10320.00	10445.00	10640.00	10760.00	440.00
705070.000	73.72	10320.00	10445.00	10640.00	10760.00	440.00
708000.000	73.53	3164.67	5000.00	5218.00	10727.84	7563.17
708000.000	74.38	3156.21	5000.00	5218.00	7125.00	3968.79
713300.000	73.69	2713.13	5000.00	5187.00	10947.47	12234.33
713300.000	74.55	4090.00	5000.00	5187.00	10760.00	6670.00
724700.000	73.90	2842.41	5000.00	5180.00	17472.99	14630.59
724700.000	74.78	4090.00	5000.00	5180.00	13980.00	9890.00
745450.000	74.59	410.93	6000.00	6183.00	11195.07	10784.14
745450.000	75.52	3430.00	6000.00	6183.00	9930.00	6500.00

SUMMARY OF ERRORS

EMF ELECTRONICS INC

FLOODWAY DATA, EMF OCT 1979 --MODIFIED
PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
705070.000	440.	9229.	3.8	73.7	72.8	0.9
708000.000	3969.	58081.	0.6	74.3	73.5	0.8
713300.000	6670.	98890.	0.4	74.6	73.7	0.9
724700.000	9890.	70662.	0.5	74.8	73.9	0.9
745450.000	6500.	93292.	0.4	75.5	74.6	0.9

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

T1 KEUSE RIVER BACKWATER--GOLDSBORO CUTOFF
 T2 10 YR FLOOD MODIFIED BY FALLS
 T3 FWF OCT 1979 --MODIFIED BY MRP APR 80

J1	ICHECK	IND	NRV	IDIR	STRT	FFTRIC	RVINS	G	RSEL	FD
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	68.000	0.000

J2	KPROF	IPLOT	PRVVS	XSECV	XSECF	FD	ALLOC	IBW	CM IN	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

58.000	1.000	3.000	41.000	42.000	0.000	58.000	1.000	14.000	14.000
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15.000	55.000	26.000	56.000	0.000	49.000	1.000	42.000	21.000	22.000
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54.000	4.000	0.000	156.000	201.000	0.000	0.000	0.000	0.000	0.000
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QT	5.000	20200.000	29100.000	34800.000	54000.000	34800.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.040	0.100	0.400	0.000	0.000	0.000	0.000	0.000
FT	0.000	9.110	9.110	9.110	0.000	9.110	0.000	0.000	10320.000	10760.000

X1	705070.000	28.000	10445.000	10640.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	26.000	5500.000	70.000	8000.000	65.000	2200.000	00.000	2450.000	60.000	9000.000
GR	60.000	9500.000	63.000	10950.000	64.000	10150.000	61.000	10250.000	60.000	10380.000
GR	56.500	10396.000	56.200	10425.000	54.100	10445.000	47.800	10453.000	42.700	10675.000
GR	44.100	10500.000	42.000	10525.000	44.100	10550.000	45.100	10575.000	44.500	10600.000
GR	46.100	10625.000	47.700	10632.000	52.500	10640.000	65.400	10750.000	68.400	10850.000
GR	68.600	10950.000	70.000	11600.000	80.000	12000.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	8.000	0.500	3150.000	0.120	3000.000	0.250	5100.000	0.055	5218.000	0.250
GR	6600.000	0.120	7000.000	0.040	7100.000	0.120	11500.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4000.000	10760.000

X1	708000.000	33.000	5000.000	5218.000	1260.000	1000.000	2530.000	0.000	0.000	0.000
GR	30.000	1100.000	75.000	1150.000	75.000	1250.000	75.000	3020.000	75.000	3150.000
GR	76.000	3200.000	65.000	4000.000	60.000	4120.000	60.000	4300.000	55.000	4500.000
GR	51.000	5000.000	48.000	5007.000	44.000	5050.000	39.700	5075.000	39.700	5150.000
GR	42.200	5175.000	47.000	5207.000	51.600	5218.000	54.700	5250.000	60.000	6400.000
GR	65.000	6600.000	65.000	6880.000	62.000	6975.000	55.600	7000.000	49.000	7025.000
GR	49.000	7075.000	55.000	7100.000	65.000	7115.000	72.000	7125.000	70.000	7700.000
GR	70.000	9350.000	75.000	11300.000	80.000	11500.000	0.000	0.000	0.000	0.000
NH	6.000	0.250	5000.000	0.055	5187.000	0.250	9000.000	0.120	10655.000	0.040
NH	10740.000	0.120	16400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	4000.000	10760.000

THIS RUN EXECUTED 26 APR 79 15:17:31

HFC2 RELEASE DATED NOV 76 UPDATED JULY 1979
ERROR CORR - 01,02,03
MODIFICATION - 50,51,52,53

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FMF OCT 1979 --MODIFIED

SUMMARY PRINTOUT

SECTID	CWSEL	EG	FIC	LUMIN
705070.000	68.88	68.71	0.00	42.00
705070.000	71.44	71.79	0.00	42.00
705070.000	72.82	73.26	0.00	42.00
705070.000	76.68	77.76	0.00	42.00
708000.000	68.93	68.55	0.00	39.70
708000.000	72.04	72.67	0.00	39.70
708000.000	73.53	73.56	0.00	39.70
708000.000	76.81	76.89	0.00	39.70
713300.000	69.10	69.11	0.00	42.20
713300.000	72.20	72.21	0.00	42.20
713300.000	73.69	73.69	0.00	42.20
713300.000	77.02	77.23	0.00	42.20
724700.000	69.09	69.30	0.00	41.96
724700.000	72.46	72.48	0.00	41.96
724700.000	73.90	73.91	0.00	41.96
724700.000	77.20	77.21	0.00	41.96
745450.000	70.63	70.77	0.00	46.00
745450.000	72.27	72.31	0.00	46.00
745450.000	74.59	74.63	0.00	46.00
745450.000	77.80	77.85	0.00	46.00

EMF OCT 1979 --MODIFIE

SUMMARY PRINTOUT

SECHO	CWSEL	GLOP	QCH	QRUR	VLCH	VCH	VPCH
705070.000	68.48	956.52	18439.78	803.70	0.77	4.02	0.73
705070.000	71.44	1663.42	25975.29	1461.29	1.03	5.03	1.01
705070.000	72.82	2125.22	30779.42	1695.36	1.19	5.67	1.17
705070.000	76.68	27974.23	21243.02	4782.75	0.66	3.43	0.51
708000.000	68.93	2621.76	10027.62	7550.62	0.22	1.77	0.40
708000.000	72.04	4729.05	12415.03	11955.92	0.27	1.96	0.40
708000.000	73.53	6028.55	13568.45	15203.00	0.30	2.04	0.41
708000.000	76.87	10133.77	17071.09	26795.14	0.34	2.31	0.47
713300.000	69.10	3745.71	4815.11	10639.17	0.19	1.24	0.23
713300.000	72.20	6545.55	5628.83	10925.62	0.20	1.26	0.23
713300.000	73.69	7508.59	6073.31	21218.09	0.21	1.26	0.20
713300.000	77.02	10661.70	7707.62	35630.68	0.24	1.43	0.30
724700.000	69.40	2498.49	8302.58	8197.93	0.51	2.23	0.60
724700.000	72.46	4012.55	7858.61	15728.84	0.39	1.84	0.34
724700.000	73.90	4875.76	7599.60	20724.64	0.77	1.84	0.33
724700.000	77.20	8123.54	8162.39	36914.07	0.35	1.60	0.36
745450.000	70.83	3167.53	9387.51	6444.56	0.14	2.21	0.12
745450.000	73.27	6348.00	11032.13	9819.88	0.14	2.42	0.15
745450.000	74.59	8979.51	12698.54	11921.55	0.20	2.55	0.17
745450.000	77.80	17140.48	17041.69	19017.83	0.28	2.66	0.22

EMF OCT 1979 --MODIFIF

SUMMARY PRINTOUT

SLCNO	CRSEL	SSIA	SICM	SICM	FDCST	TOPWID
705070.000	68.48	10320.00	10445.00	10640.00	10760.00	440.00
705070.000	71.40	10320.00	10445.00	10640.00	10760.00	440.00
705070.000	72.82	10320.00	10445.00	10640.00	10760.00	440.00
705670.000	76.64	6330.00	10445.00	10660.00	11867.20	5537.20
708000.000	68.93	3371.85	5000.00	5218.00	7120.61	3748.75
708000.000	72.04	3174.52	5000.00	5218.00	10106.30	6966.72
708000.000	73.53	3164.67	5000.00	5218.00	10727.84	7563.17
708000.000	76.87	1131.33	5000.00	5218.00	11374.67	10243.33
713300.000	69.16	2758.98	5000.00	5187.00	10755.53	7958.12
713300.000	72.26	2727.97	5000.00	5187.00	14888.12	12160.15
713300.000	73.69	2713.13	5000.00	5187.00	14547.47	12234.33
713300.000	77.02	2416.53	5000.00	5187.00	15566.83	13150.25
728700.000	69.09	3189.02	5000.00	5180.00	13976.90	5032.72
728700.000	72.46	2983.27	5000.00	5180.00	17372.28	14409.01
728700.000	73.90	2842.41	5000.00	5180.00	17072.99	14636.59
728700.000	77.20	44.52	5000.00	5180.00	18056.85	17620.97
748450.000	70.62	1076.37	6000.00	6183.00	11147.52	9668.22
748450.000	73.27	717.07	6000.00	6183.00	11176.22	10011.75
748450.000	76.59	411.52	6000.00	6183.00	11195.07	10784.14
748450.000	77.86	171.72	6000.00	6183.00	11222.93	11096.42

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	FLIC	FLMIA	D	CWSEL	CRIS	FG	10K*5	VCH	AREA	.01%
705070.000	50.00	0.00	0.00	42.00	20200.00	68.48	0.00	68.71	1.78	4.02	6923.77	15150.73
705070.000	50.00	0.00	0.00	42.00	29100.00	71.44	0.00	71.79	2.18	5.03	8226.16	18878.90
705070.000	50.00	0.00	0.00	42.00	34800.00	72.82	0.00	73.26	2.82	5.67	8833.36	20736.57
705070.000	50.00	0.00	0.00	42.00	54000.00	76.68	0.00	76.76	0.87	3.43	58270.10	57878.97
708000.000	2930.00	0.00	0.00	39.70	20200.00	68.93	0.00	68.95	0.57	1.77	36678.88	26773.61
708000.000	2930.00	0.00	0.00	39.70	29100.00	72.04	0.00	72.07	0.60	1.96	53611.52	37636.46
708000.000	2930.00	0.00	0.00	39.70	34800.00	73.53	0.00	73.56	0.60	2.04	64444.45	44764.99
708000.000	2930.00	0.00	0.00	39.70	54000.00	76.87	0.00	76.89	0.68	2.31	95009.25	65614.25
713300.000	5500.00	0.00	0.00	42.20	20200.00	69.10	0.00	69.11	0.38	1.24	76152.92	32984.76
713300.000	5500.00	0.00	0.00	42.20	29100.00	72.20	0.00	72.21	0.32	1.26	109724.99	51216.61
713300.000	5500.00	0.00	0.00	42.20	34800.00	73.65	0.00	73.69	0.31	1.28	127822.68	62748.01
713300.000	5500.00	0.00	0.00	42.20	54000.00	77.02	0.00	77.03	0.33	1.43	169693.98	94227.32
724700.000	11400.00	0.00	0.00	47.90	19000.00	69.49	0.00	69.53	1.23	2.23	22301.14	17113.89
724700.000	11400.00	0.00	0.00	47.90	27600.00	72.46	0.00	72.48	0.71	1.80	60051.99	32858.90
724700.000	11400.00	0.00	0.00	47.90	35200.00	73.90	0.00	73.91	0.54	1.68	80943.59	45096.27
724700.000	11400.00	0.00	0.00	47.90	55200.00	77.20	0.00	77.21	0.41	1.60	132857.79	82669.86
745450.000	20750.00	0.00	0.00	46.00	19000.00	70.63	0.00	70.67	0.55	2.21	78296.24	25614.20
745450.000	20750.00	0.00	0.00	46.00	27600.00	73.71	0.00	73.51	0.57	2.42	104768.18	36551.02
745450.000	20750.00	0.00	0.00	46.00	35200.00	74.59	0.00	74.63	0.60	2.55	118762.92	43008.11
745450.000	20750.00	0.00	0.00	46.00	55200.00	77.80	0.00	77.85	0.74	3.06	154062.31	61872.09

EMF OCT 1979 --MODIFIED

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CASEI	DIFESP	DIFWSE	DIFKRS	ICPAID	XIFF
705070.000	20200.00	68.48	0.00	0.00	0.00	440.00	50.00
705070.000	29100.00	71.48	2.96	0.00	2.96	440.00	50.00
705070.000	34800.00	72.87	1.38	0.00	4.34	440.00	50.00
705070.000	54000.00	76.68	4.36	0.00	0.00	5537.20	50.00
708000.000	20200.00	68.44	0.00	0.05	0.00	3748.75	2530.00
708000.000	29100.00	72.04	4.12	0.60	3.12	6966.72	2530.00
708000.000	34800.00	72.54	5.09	0.71	0.61	7563.17	2530.00
708000.000	54000.00	76.57	7.54	0.19	0.00	10243.22	2530.00
713300.000	20200.00	69.10	0.00	0.12	0.00	7958.12	5300.00
713300.000	29100.00	72.20	2.10	0.14	3.10	12160.15	5300.00
713300.000	34800.00	73.69	1.48	0.15	0.56	12234.33	5300.00
713300.000	54000.00	77.62	3.34	0.16	0.00	13150.25	5300.00
724700.000	19000.00	69.45	0.00	0.39	0.00	5032.73	11400.00
724700.000	27600.00	72.46	2.27	0.26	2.97	10009.01	11400.00
724700.000	33200.00	73.90	1.44	0.21	0.01	10630.59	11400.00
724700.000	53200.00	77.20	3.30	0.12	0.00	17620.57	11400.00
745450.000	19000.00	70.63	0.00	1.14	0.00	9668.22	20750.00
745450.000	27600.00	73.27	2.64	0.21	2.23	10411.75	20750.00
745450.000	33200.00	76.50	1.52	0.69	3.96	10700.10	20750.00
745450.000	53200.00	77.80	3.22	0.60	0.00	11006.32	20750.00

SUMMARY OF ERRORS