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Evaluation of the Nine Mile Point Unit 2 Feedwater Nozzle-to-Safe End Weld Butter Indication (Weld 2RPV-KB20, N4D)

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1.0 INTRODUCTION

This report presents the evaluation provided by Structural Integrity Associates (SI) in support of the disposition of the observed indication in the Nine Mile Point Unit 2 (NMP2) feedwater nozzle-to-safe end weld butter (Weld 2RPV-KB20). The weld butter is made using Alloy 182 material. UT inspection of the weld was performed during the 1998 outage [1]. Based on the UT inspection results, the indication is 0.29 inch deep and 5.3 inches in length and is connected to the inside surface. The indication has been seen by UT inspection during earlier inspections in 1995 and 1990. Figure 1-1 shows the nozzle geometry and location of the indication.

As part of this effort, SI performed a review of the inspection data and field experience with similar locations to determine a most likely cause for the indication. Based on the results of this evaluation, it is most likely that the cause of the indication is fabrication related.

Although the evaluation of the fabrication, field experience and inspection information suggests the likely cause for the indication is fabrication related, a fracture mechanics evaluation was performed assuming the crack was an actively growing intergranular stress corrosion crack. In this calculation, crack growth was added to the depth and length using various intergranular stress corrosion cracking (IGSCC) growth rates. The end-of-cycle allowable flaw size was determined using the ASME Code, Section XI procedure for austenitic steel (Appendix C) and ferritic steel (Appendix H) since the indication is in the vicinity of the Alloy 182 weld butter-to-safe end (carbon steel) fusion line. The end-of-cycle calculated flaw size was then compared against the allowable flaw size to demonstrate that the flaw is acceptable for at least one operating cycle (16,000 hours).

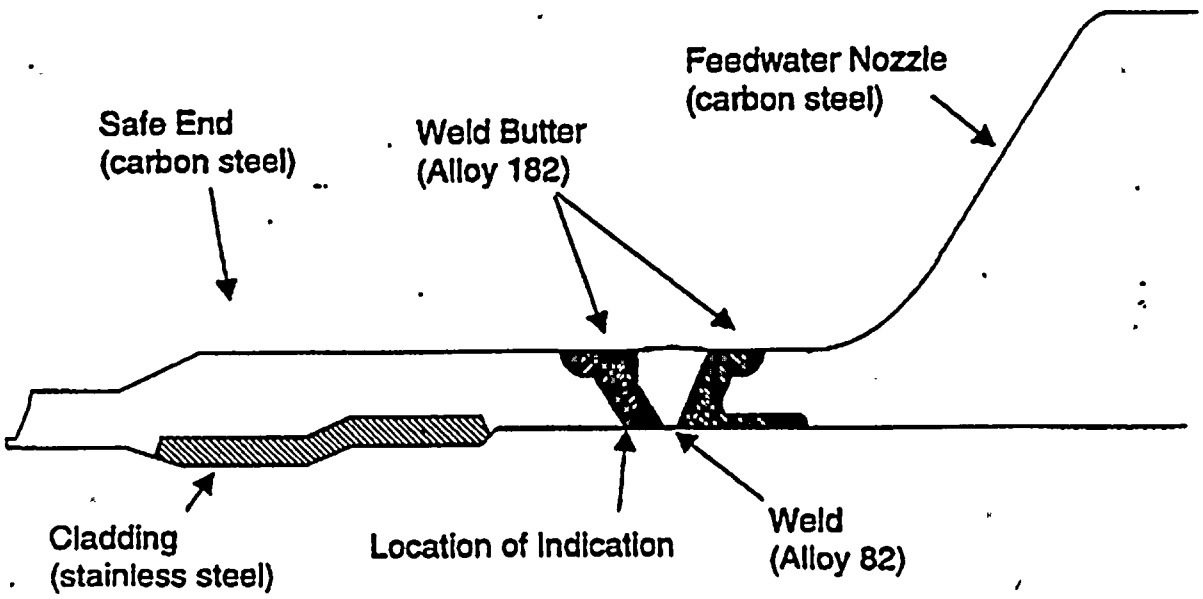

Figure 1-1. Nine Mile Point Unit 2, Feedwater Nozzle (N4D)

2.0 CHARACTERIZATION OF INDICATION

This section presents a discussion regarding the indication detected in the subject weld. A review of inspection data history regarding the indication and field history for similar locations is presented.

2.1 Review of Inspection Data

Weld 2RPV-KB20 (N4D) has been inspected during three outages. The inspections occurred in 1990, 1995, and 1998. A review of the inspection data from these three inspections was performed and is summarized in Reference [2]. In addition, a review of the original radiographs was performed.

The indication in question was noted on the Examination Summary Sheets for both 1995 and 1998 as a planar indication. The 1990 Examination Summary Sheet did not specifically note any one particle area, however it did note non-relevant indications, inside surface geometry and acoustic signals. After reevaluation of the 1995 data, it was concluded in [2], that the indication had the same dimensions as was recorded during the 1998 inspection. The methods used in the 1995 and 1998 inspections were very similar (Smart 2000 system using 45° shear wave, 45° refracted longitudinal wave, and 60° refracted longitudinal wave).

The 1990 examination was performed with the first generation Smart system (using 45° shear wave, 45° refracted longitudinal wave, and 60° refracted longitudinal wave). The imaging system was different than that used in 1995 and 1998. During the 1990 inspection, no relevant indications were noted in the evaluation report. However, a re-review of this data determined that these indications were present (by all three search units) in the general location recorded during the 1995 and 1998 inspections. The 1990 re-review also appears to show that the indications are similar in size to the results from the 1995 and 1998 inspections. There has been no axial branching noted in any of these examinations.

There appears to be no evidence from a re-review of the original radiographs, that these indications were present. However, due to the configuration of the safe end weld butter, this technique may not be the optimum for detection of small fusion flaws located at or near the interface. Thus, it can not be concluded that these indications were present since the time of fabrication based on the original radiographs.

Based on the evaluation presented in Reference [2], it is likely that the indication is not growing or is growing at a very low crack growth rate.

2.2 Alloy 182 Field Experience

This section presents a brief summary of field experience with indications at similar Alloy 182 locations. These cases show that field experience at these weld butter locations is primarily with fabrication related flaws and not IGSCC initiated flaws. It should be noted that IGSCC cannot be ruled out if a fabrication flaw is open to the inside surface since it will be exposed to the BWR environment and create a crevice.

2.2.1 Pilgrim Recirculation Inlet Nozzle

In May 1984, dye penetrant test (PT) examination of a 12 inch recirculation inlet nozzle at Pilgrim revealed multiple crack indications on the pipe's inside surface [3]. This location differs from the NMP2 feedwater nozzle since the safe end was stainless steel. Subsequent examination of the remaining inlet nozzles disclosed two additional nozzles with multiple cracks in the Alloy 182 weld build-up area. Additional PT examinations on the two 28 inch diameter recirculation outlet nozzles also revealed multiple cracks in one of the two Alloy 182 weld build-up areas.

The observed cracks were primarily oriented in the axial direction and located in the Alloy 182 weld "butter" on both the nozzle side and the safe end side of the weld. There were some indications of crack propagation into the stainless steel (safe end side) base material, while no propagation was observed into the low alloy steel base material or Alloy 82 root pass material.

The metallurgical results from one of the single boat samples removed from the 28 inch diameter recirculation outlet nozzle N1-B indicated that the cracking was the result of interdendritic stress corrosion cracking (IDSCC). Thus, in this case, the observed IDSCC was found to be axially located.

2.2.2 *River Bend*

A circumferential crack indication was identified in the safe-end side of the N4A-2 inlet feedwater nozzle-to-safe end-Alloy 182 weld butter at River Bend in March 1989 [4]. This indication was ultrasonically re-examined during the second and third refueling (RF) cycles in March 1990 and September 1991, respectively, and during mid-cycle of the third fuel cycle in November 1990. Crack growth was reported during each examination, Table 2-1. The safe end was replaced during the fourth refueling outage in 1992.

Table 2-1. River Bend Feedwater Nozzle Cracking History

Event/Date	UT Depth mm (in.)	UT Length mm (in.)	UT % Through-Wall
RF-2/March 1990	5.1 (0.20)	155 (6.1)	18
Mid-cycle 3/November 1990	5.1 (0.20)	168 (6.6)	18
RF-3/September 1991	8.4 (0.33)	196 (7.7)	30
Mid-cycle 4	10.2 (0.40)	198 (7.8)	36
Destructive examination 1992	23.4 (0.92) actual	178 (7.0) actual	84 actual

The metallurgical destructive examination revealed that the cause of crack growth was IDSCC that initiated at a lack of fusion weld defect. Although there appears to be a discrepancy between the destructive examination measurements and the UT measurement, the change in measured UT depth was small, indicating that the crack was growing slowly.

2.2.3 *Other BWRs*

There have been several other instances of indications at similar locations as seen at NMP2. It is believed that in most cases, the cause for the indication was fabrication related. Similar crack-like indications have also been observed by UT at Vermont Yankee [5], Brunswick 2 [5] and Brunswick 1 [6].

2.3 Characterization of Indication Conclusion

Based on the discussion provided in this section, there is significant evidence that the indication has not grown to date and that it originated during fabrication. The UT inspections have detected the indication since 1990 and the absence of the indication in the original radiograph is not unexpected. There have been instances of defects in Alloy 182 weld butters believed to have initiated by fabrication, some being similar to the NMP2 indication. In cases where there was clearly IGSCC (or IDSCC) initiating in the Alloy 182 weld butter, the indications have been axially oriented instead of circumferentially oriented as in the case for NMP2.

3.0 STRUCTURAL INTEGRITY EVALUATION OF INDICATION

In Section 2.0, a detailed discussion regarding the likely cause of the indication was presented. Based on the discussion provided in Section 2.0, the indication origin is likely fabrication related. Although negligible change in crack size has occurred to date and there is justification for assuming a very low crack growth rate, an evaluation was performed assuming the indication to be actively growing IGSCC. The demonstration that structural integrity is maintained during the next operating cycle is shown by determining the crack size at the end of the next operating cycle and comparing this size against the allowable flaw size. The allowable flaw size is determined using the ASME Code, Section XI, Appendix C and Appendix H [7] methodology for austenitic and ferritic steel, respectively. Since the flaw is in the vicinity of the weld fusion line, allowable flaw sizes were calculated using both materials and the limiting allowable crack size was used to determine the acceptability of the indication for continued operation.

3.1 Flaw Evaluation

There are two aspects of this evaluation: crack growth analysis and allowable flaw size determination. These are described in further detail in the following sections.

3.1.1 Crack Growth Analysis Approach

As mentioned earlier, the indication is likely a fabrication flaw. However, for the purposes of demonstrating structural integrity, the flaw will be assumed to be active IGSCC. Thus, it is assumed in the analysis that any crack growth will be due to IGSCC.

Fatigue cracking at this location is considered unlikely. For the triple thermal sleeve design, which is present at NMP2, fatigue cracking would be caused by leakage flow past the seals mixing with the hotter downcomer flow. This cracking has been observed on other plants only in the thicker nozzle blend region where the thermal mixing occurs. NMP2 has not seen

cracking at this location and thus, it is appropriate to assume that leakage past the seals has not occurred. Thus, thermal cycling at the nozzle-to-safe end location is not an issue. This conclusion regarding fatigue crack growth is consistent with the absence of crack growth based on the 1990, 1995 and 1998 safe end-to-nozzle weld inspections. Therefore, fatigue crack growth can be excluded from the crack growth calculation.

3.1.2 Crack Growth Rate and Predicted End-of-Cycle Crack Size

The following is a summary of an evaluation of crack growth rates (CGR) for nickel-base Alloy 182 weld metal as related to the NMP2 feedwater indication. In addition to the CGR based on this evaluation, additional assumptions were made regarding CGR and are discussed later in this section.

Metallurgical evaluations from boat samples removed from various Alloy 182 buttered nozzles at other facilities indicated that the cracking was the result of interdendritic stress corrosion cracking (IDSCC) or IDSCC that propagated from a welding flaw such as lack of fusion or microfissuring.

The presence of microfissuring in nickel-base alloy welds has been recognized for years and has been occasionally observed in some BWR components. Due to their localized nature, microfissures typically do not adversely affect mechanical properties. However, no systematic studies have been reported to date that examine the implications of microfissuring on IDSCC.

Microfissures create an interdendritic crevice that essentially acts like an IDSCC pre-crack. The microfissure not only forms a crack tip stress riser, but also creates aggressive localized crevice chemistry.

Experiments have been performed on Alloy 182 fracture mechanics compact tension specimens to determine the material's susceptibility to IDSCC in BWR type environments. Real-time crack growth rates were measured using the highly accurate reversing DC potential drop technique on

both as-deposited and furnace sensitized material as a function of dissolved oxygen concentration, water purity, temperature and loading condition. The results of these studies indicate and confirm the following:

1. The crack propagation rate of Alloy 182 decreases with decreasing oxygen content (corrosion potential) and conductivity. The crack propagation rate of Alloy 182 increases with increasing stress intensity.

2. Based on results obtained on stainless steels and Alloy 600, the crack propagation rate of Alloy 182 would be expected to reach a peak at approximately 200 °C (392 °F). The observed peak in crack growth is attributed to two competing effects: the increase in growth rate vs. temperature from increasing kinetics of mass transport and the observed decrease in corrosion potential.

3. Alloy 182 crack growth rates obtained from an actual BWR at NMP-2 feedwater temperatures are dramatically lower than values obtained in similar laboratory studies.

4. Based on the relevant available data, an upper limit value of 5×10^{-4} mm/hr (2×10^{-5} in/hr) for Alloy 182 crack propagation rate appears valid for the NMP-2 feedwater nozzle.

Four approaches were used to determine the end-of-cycle flaw size. The three approaches are summarized below.

- CGR based on the discussion above. The CGR of 2.0×10^{-5} in/hr was based on relevant data for application to the NMP2 conditions.

- CGR based on the recently issued U.S. NRC Safety Evaluation Report of the BWR Vessel & Internals Project BWRVIP-14 [8] for stainless steel material.

- CGR based on the Swedish State Nuclear Power Inspectorate Statue Book SKIFS 1994:1 [9] for Alloy 182 material in normal water chemistry.

- CGR based on U.S. NRC NUREG-0313, Rev. 2, "NRC Curve."

$$\underline{CGR = 2.0 \times 10^{-5} \text{in/hr}}$$

The first calculation uses the CGR of 2×10^{-5} in/hr and it is conservatively assumed that the rate is constant during the entire operating period and that it does not vary as a function of stress intensity factor. The stress intensity factor varies significantly through the pipe wall thickness.

Reference [10] provides the detailed discussion for the use of the crack growth rate of 2.0×10^{-5} in/hr.

Based on the crack growth rate of 2×10^{-5} in/hr, the end-of-cycle crack depth may be determined. For an initial crack size of 0.29 inch and considering 16,000 hours in the next cycle, the end-of cycle flaw depth is.

$$a_f = a_i + 2 \times 10^{-5} \text{ in/hr } (16{,}000 \text{ hr}) = 0.61 \text{ inch}$$

$$l_f = l_i + 2 \times 10^{-5} \text{ in/hr } (16{,}000 \text{ hr}) (2) = 5.94 \text{ inches}$$

In terms of percentage of nozzle thickness and nozzle circumference, the end-of-cycle flaw depth is 50.8% of pipe wall, and the end-of-cycle length is 13% of the pipe circumference.

<u>CGR = 2.2×10^{-5} in/hr</u>

Based on the recently issued SER regarding BWRVIP-14, a crack growth rate of 2.2×10^{-5} in/hr was used. Although this value is for stainless steel, it was included since it reflects crack growth rates based on field experience and laboratory testing in BWR environments. In Reference [8], it is stated that this CGR may be used provided the stress intensity factor is less than 25 ksi$\sqrt{\text{in}}$, and that the EPRI BWR Water Chemistry Guidelines are met. Figure 3-1 shows the through-wall stress distribution for the indication location. The stress in this figure is comprised of the sustained stress which includes weld residual stress, thermal stress, pressure stress, and deadweight stress. The computer program pc-CRACK [11], was used to determine the through-wall stress intensity factor variation using the solution for a circumferential crack in a cylinder for t/R=0.2. Figure 3-2 shows the through-wall variation in the stress intensity factor at the indication location based on the stress distribution in Figure 3-1. The stress distribution shown in Figure 3-1 is comprised of weld residual stress (from NUREG-0313, Rev. 2 [12]) and applied normal operating stress of 4.2 ksi. As can be seen in Figure 3-2, the stress intensity factor remains below 25 ksi$\sqrt{\text{in}}$. NMP2 has also met the EPRI BWR Water Chemistry Guideline.

Based on the crack growth rate of 2.2×10^{-5} in/hr, the end-of-cycle crack depth and length were determined to be,

$$a_f = a_i + 2.2 \times 10^{-5} \text{ in/hr } (16{,}000 \text{ hr}) = 0.64 \text{ inch}$$

$$l_f = l_i + 2.2 \times 10^{-5} \text{ in/hr } (16{,}000 \text{ hr}) (2) = 6.00 \text{ inches}$$

In terms of percentage of nozzle thickness and nozzle circumference, the end-of-cycle flaw depth is 53.5% of pipe wall, and the end-of-cycle length is 13% of the pipe circumference

CGR Based on SKIFS 1994:1

The CGR presented in Reference [9] for Alloy 182 in normal water chemistry (water conductivity < 0.3µS/cm, and ECP > -230 mV) is,

$$da/dt = 2.8 \times 10^{-11} (K_I^3) \qquad (1)$$

The units for K_I in equation (1) are MPa√m, and the units for da/dt are mm/sec. A crack growth calculation was performed using the computer program pc-CRACK and the CGR given in equation (1) to determine the end-of-cycle crack depth using the stress intensity factor dependant expression for da/dt. The stress intensity factor distribution used in this calculation is shown in Figure 3-2. At the end of 16,000 hours, the crack depth is 0.34 inch, or 29% of wall. Figure 3-3 shows the crack growth versus time. Note that the units are in meters.

CGR Based on NUREG-0313, Rev. 2

The "NRC Curve" presented in NUREG-0313, Rev. 2, Reference [12] is,

$$da/dt = 3.59 \times 10^{-8} (K_I^{2.161}) \qquad (2)$$

The units for K_I in equation (2) are ksi√in, and the units for da/dt are in/hr. Again, a crack growth calculation was performed using the computer program pc-CRACK and the CGR given in equation (2). The stress intensity factor used in the calculation is shown in Figure 3-2 which

is the same distribution used for the crack growth calculation using the SKIFS 1994:1 CGR. At the end of 16,000 hours, the crack depth is 0.409 inch. This is equivalent to 34% of the pipe wall thickness. Figure 3-4 shows the crack growth versus time.

Figure 3-5 shows a comparison between the NUREG-0313, Rev. 2 CGR and the SKIFS 1994:1 CGR.

NUREG-0313, Rev. 2 [12], addresses UT inspection of BWR coolant pressure boundary piping. Section 5.2.2 of the NUREG states that the NRC staff believes that flaw sizes determined by examinations and procedures qualified by test will not be grossly underestimated or overestimated provided that an inspectable weld joint configuration and weld surface exist. Thus, for this case, no uncertainty was added to the crack depth. It should be noted that crack depth uncertainty could be considered as part of the assumption that crack growth is occurring although the crack has essentially not changed since at least 1990. In addition, the margin between the calculated end-of-cycle crack depth and the allowable crack depth (calculated in Section 3.1.3) can also serve to compensate for any uncertainty in UT crack depth sizing.

3.1.3 Allowable Flaw Size Evaluation

Since the indication is in the vicinity of the fusion line, it is prudent to perform analyses assuming that the allowable flaw size is based on the weld butter and another analysis assuming that it is based on the nozzle low alloy steel material. Both of these analyses are discussed below.

<u>Allowable Flaw Size Based on Alloy 182 Weld Butter</u>

This case assumes that the allowable flaw size is based on the Alloy 182 material. For this case, the allowable flaw size is determined using the methodology provided in the ASME Code, Section XI, Appendix C. The evaluation was performed using the methodology for austenitic steels such as Alloy 182. The rules for flux welds (shielded metal arc or submerged arc welds) were used in this evaluation. The methodology of IWB-3640 has been incorporated into the

pc-CRACK [11] computer software, and therefore this software was used to perform the evaluation for the Alloy 182 weld.

The allowable flaw size is determined using net-section collapse methodology. This methodology determines the allowable crack parameters at the point of incipient collapse, which also includes the ASME Code, Section XI required safety factors (2.77 for normal and upset, 1.39 for emergency and faulted).

Applied Loads and Stresses

Since the indication is in the circumferential direction, the axial stresses at the weld will control the crack growth or predicted failure point. The stresses required for the evaluation of the allowable flaw size are the primary membrane (P_m), primary bending (P_b), and expansion stresses (P_e). The secondary stresses are included since this is a flux weld and the ASME Code, Section XI methodology requires the consideration of these stresses. Note that weld residual stress is not considered in the calculation of the allowable flaw size. The primary stresses (P_m, P_b) and the expansion stresses (P_e) are comprised of stresses from various sources. These are shown below:

P_m = Primary membrane stress such as pressure stress
P_b = Primary bending stress due to dead weight and seismic
P_e = Expansion stresses due to thermal loads

The applied loads for various loading conditions at the nozzle-to-piping location were obtained from the NMP2 piping analysis [13]. Table 3-1 summarizes the applied loads adjusted to the nozzle-to-safe end weld location. These loads and load combinations are consistent with the NMP2 FSAR. Comparison of the stress values determined that the faulted condition was limiting. Therefore, a safety factor of 1.39 was used.

Table 3-1. Applied Forces and Moments at Nozzle-to-Safe End Weld

Load	Forces and Moments (F = lbs, M = ft-lbs)					
	FX	FY	FZ	MX	MY	MZ
Deadweight	75	-735	-128	2743	1979	-11508
Thermal (envelop)	2169	-3955	-2791	27151	40244	-25938
OBEA	253	896	153	514	1177	2589
OBEI, OCCU	2778	3545	3122	2055	18191	17286
OBEI, OCCE	4959	8384	7027	3715	39949	43042
SSEI, OCCF	6021	8773	7330	3987	41757	44854

($Z=I/c=148.23in^3$, $A=49.2in^2$)

Based on the nozzle geometry and thickness, the stresses determined for this location were determined to be:

$P_m =$ 3.36 ksi $\quad P_b =$ 5.91 ksi $\quad P_e =$ 3.87 ksi

The pc-CRACK calculated allowable is deeper than 60% of wall but is limited to 60% by the ASME Code. Comparison of the maximum predicted end-of-cycle crack depth (53.5% of pipe wall) to the allowable of 60% of pipe wall demonstrates that the required safety factors are maintained throughout the next operating cycle. The length was also used in determining the acceptability of the indication. Table 3-2 shows the results of the allowable flaw calculations as a function of flaw length/pipe circumference.

Table 3-2. Allowable Flaw Sizes for Nozzle-to-Safe End Location: Alloy 182

	(Flaw length)/(Pipe circumference)					
	0.0	0.1	0.2	0.3	0.4	0.5
Allowable a/t	0.6	0.6	0.6	0.6	0.56	0.42

(At end-of-cycle: length/circumference = 0.13, a/t = 0.53.5)

Allowable Flaw Size Based on Low Alloy Steel Nozzle

In this analysis, the indication is assumed to remain in the low alloy steel nozzle material. For this analysis, the methodology of Appendix H of the ASME Code, Section XI was used. The methodology of Appendix H has also been incorporated into the pc-CRACK computer software, and therefore this software was used to perform the evaluation for the low alloy material. In addition, the properties for low alloy steel flux welds was used in order to include consideration for the proximity to the Alloy 182 weld. The pc-CRACK program also performs the screening criteria check to determine the method for the allowable flaw analysis (limit load, elastic-plastic fracture mechanics (EPFM) or linear elastic fracture mechanics). The screening criteria determined that failure should be based on EPFM methodology. Using the methodology of Appendix H for EPFM, the pc-CRACK program calculates the allowable flaw depth to be 75% of pipe wall. Note that Appendix H of the ASME Code, Section XI, does not consider residual stress when failure is based on EPFM methodology.

3.2 Structural Integrity Evaluation Conclusion

Based on the results of the calculations, it is determined that the allowable flaw size based on limit load of the Alloy 182, results in the limiting condition. The allowable flaw depth was determined to be 60% of the pipe wall (maximum per ASME Code). The maximum predicted depth at the end-of-cycle (assuming active IGSCC) was determined to be 53.5% of the pipe wall by considering IGSCC growth using three different assumptions for CGR. Therefore, the required ASME Code safety factors are maintained throughout the next operating cycle.

It is noteworthy that during the prior three UT examinations at this location, this defect was observed essentially the same size as is presently measured. This observation provides significant evidence that the defect is stable and propagating very slowly, if at all.

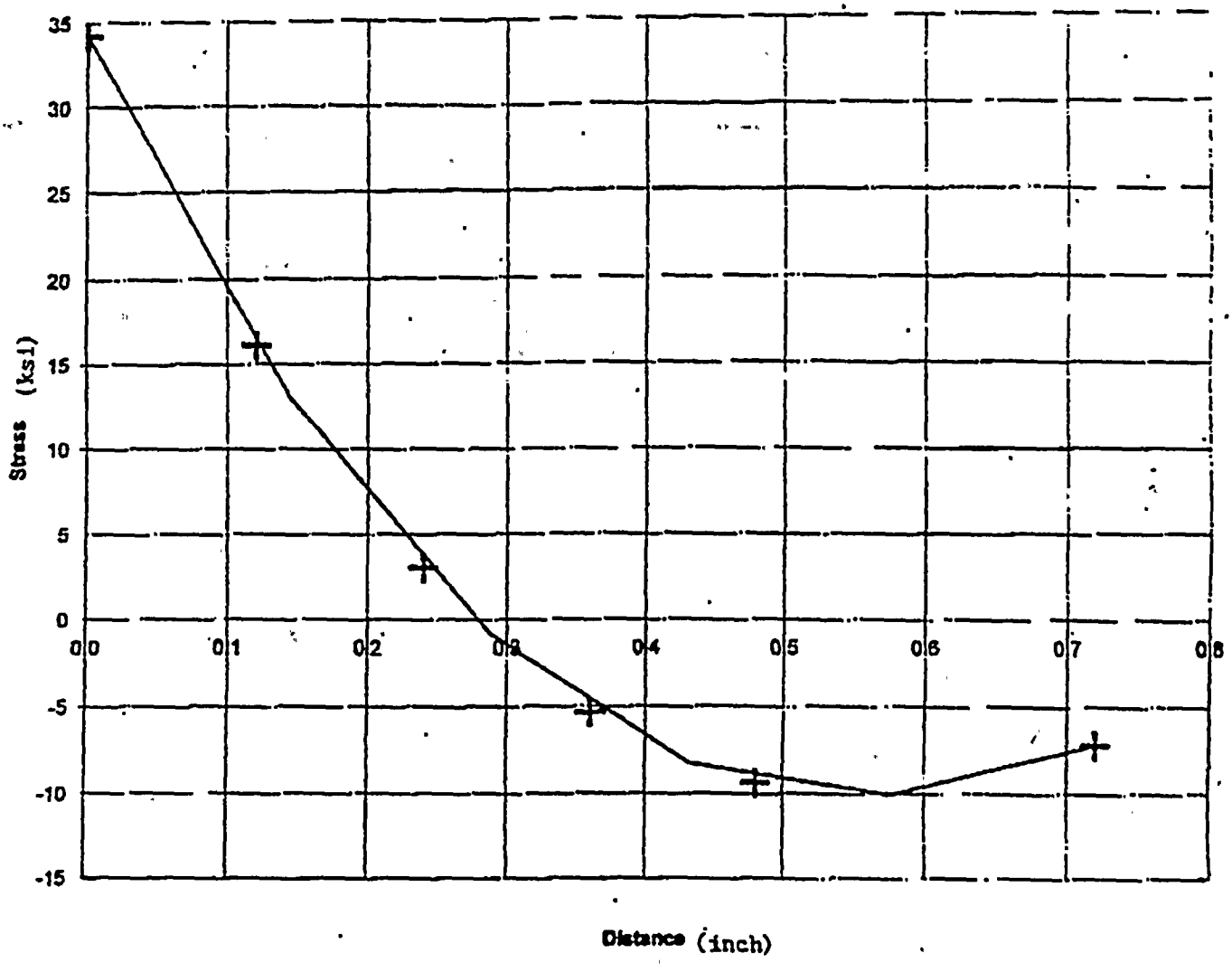

Figure 3-1. Through-Wall Stress Distribution

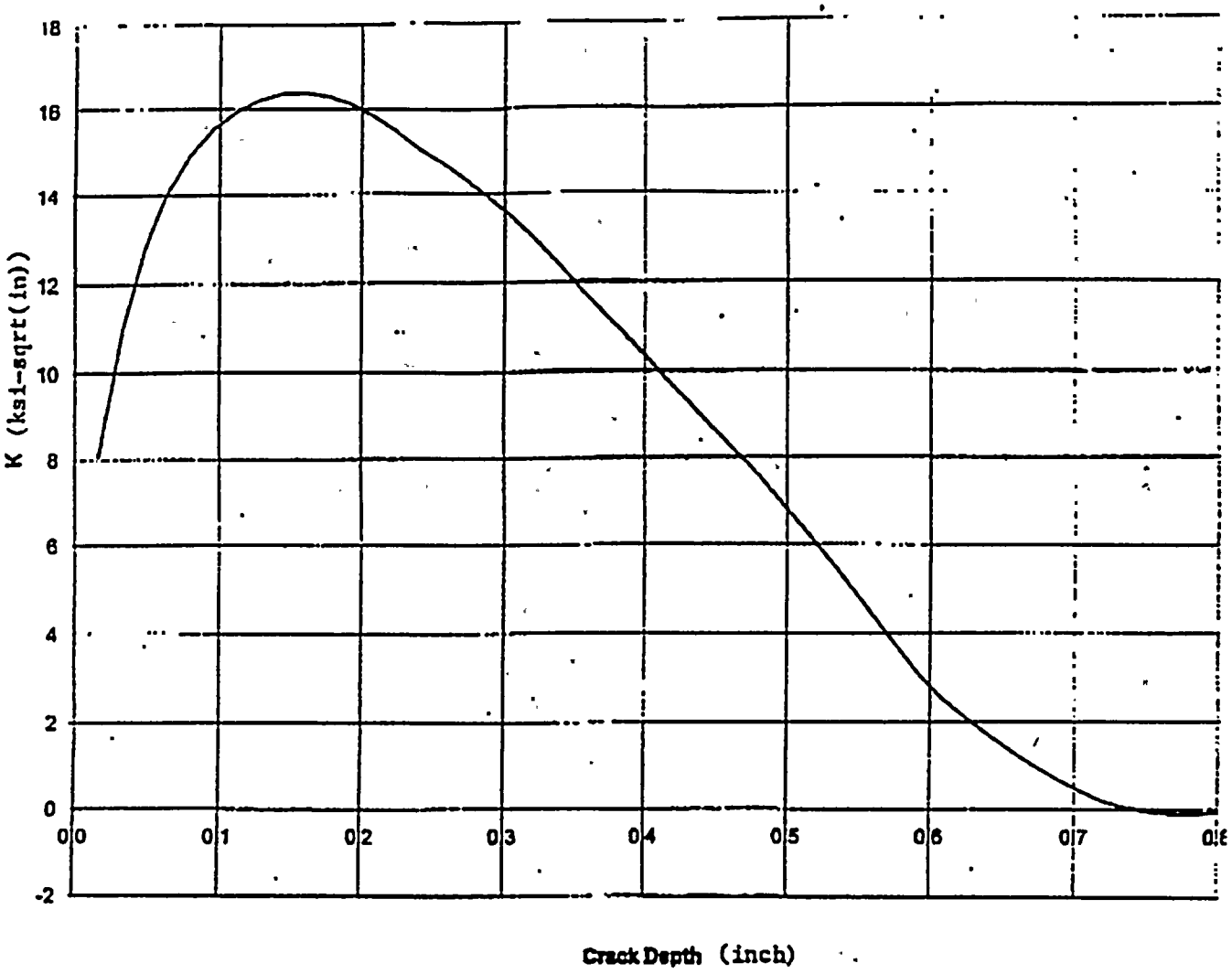

Figure 3-2. Through-Wall Stress Intensity Factor

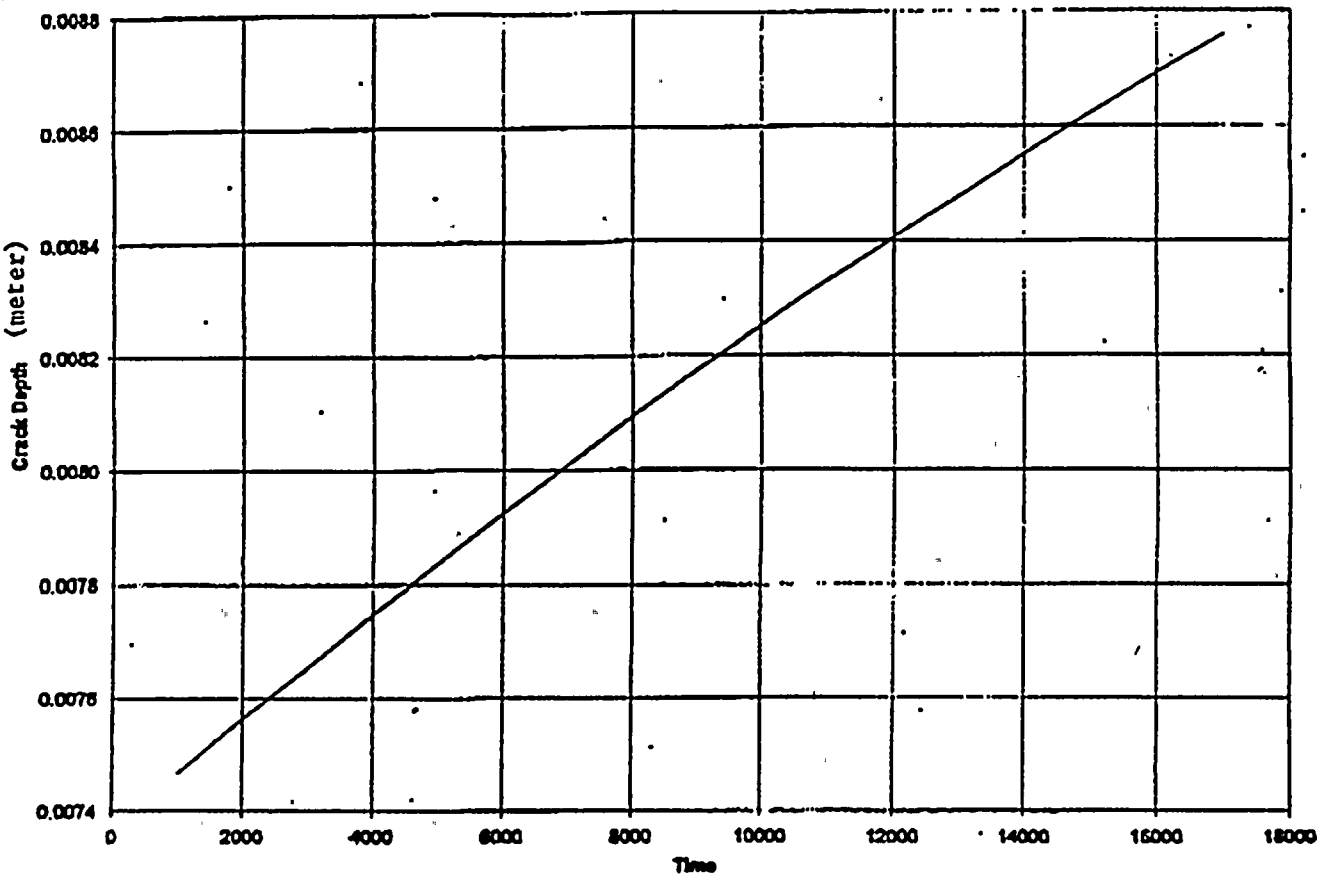

Figure 3-3. Predicted Crack Growth Using SKIPS 1994:1 CGR

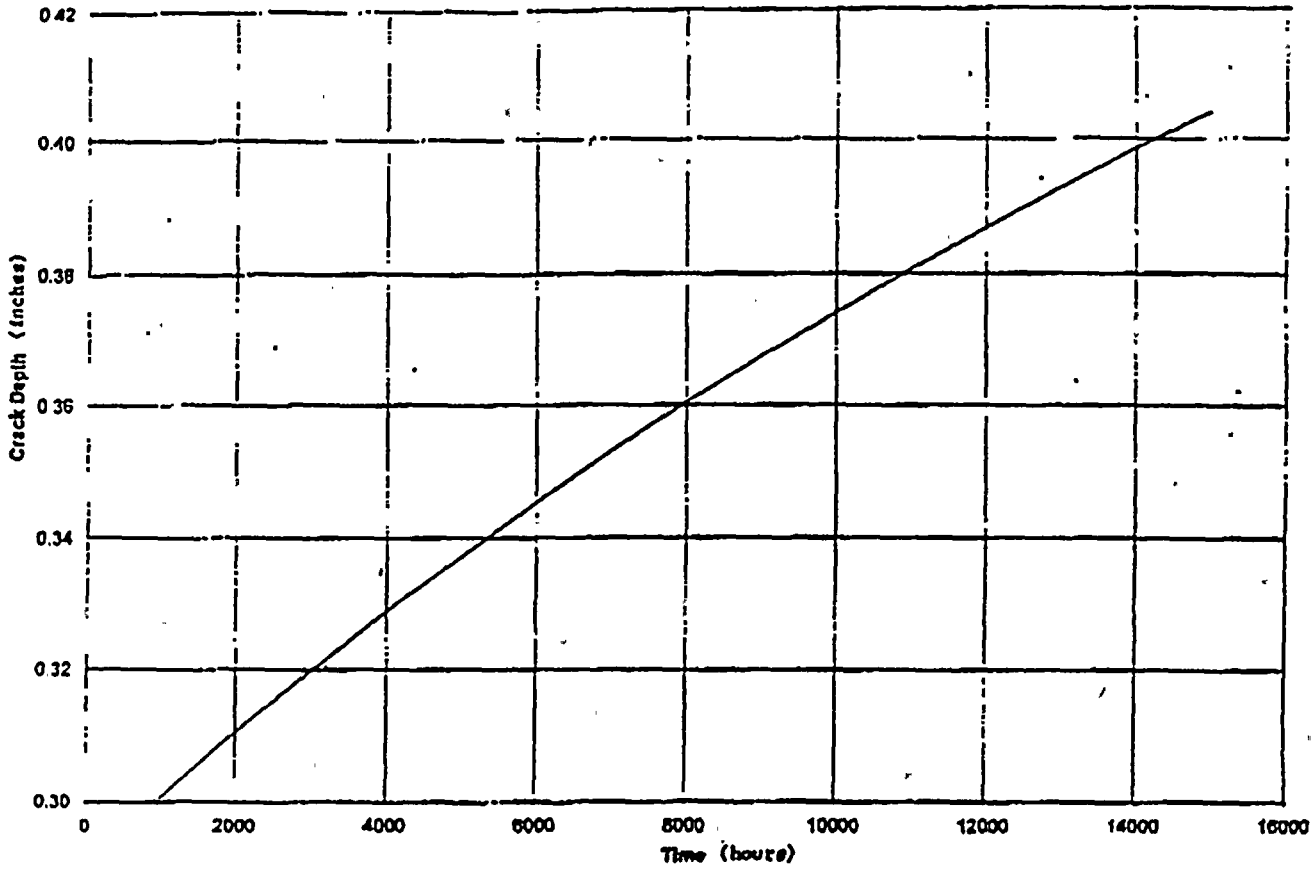

Figure 3-4. Predicted Crack Growth Using NUREG-0313, Rev. 2 CGR

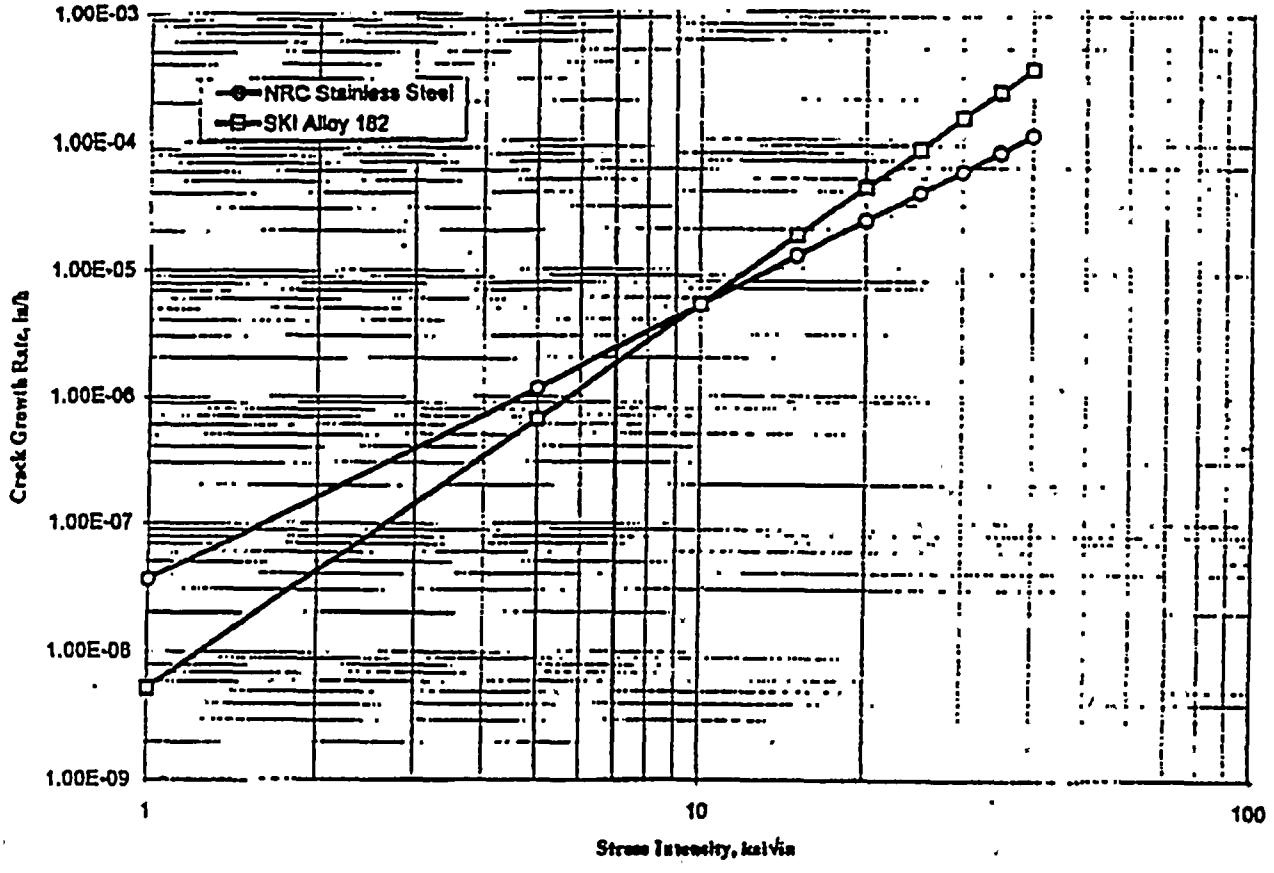

Figure 3-5. Comparison Between SKIFS 1994:1 and NUREG-0313, Rev. 2 CGRs

4.0 SUMMARY

This report presented the evaluation of the indication found in the Alloy 182 weld butter of the nozzle-to-safe end weld (Weld 2RPV-KB20, N4D). Based on a review of the indication characteristics, inspection history and field experience for similar locations, it was determined that the indication is likely a fabrication flaw.

Although the flaw was considered to be a fabrication flaw and has shown essentially no growth based on three UT inspections, an analysis was performed assuming active IGSCC. A crack growth prediction and allowable flaw calculation were performed (using both austenitic and ferritic piping methodologies) to determine the acceptability of the flaw for continued operation. Based on the results of these calculations, structural integrity of the nozzle-to-safe end weld location for the next operating cycle (16,000 hrs) was demonstrated.

5.0 REFERENCES

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11. Structural Integrity Associates, "pc-CRACK User's Manual", Version 3.0.

12. US Nuclear Regulatory Commission, "Technical Report on Material Selection and Processing Guidelines for BWR Coolant Pressure Boundary Piping," NUREG-0313, Rev. 2, January 1998.

13. Niagara Mohawk Nuclear Engineering, Calculation Continuation Sheet, Calculation No. AX-017A, Rev. 7.

ENCLOSURE 2

ENCLOSURE 2

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-MAY-96	5.700E-02	------	28.0	------	------	0.267
2-MAY-96	5.700E-02	------	30.0	------	------	------
3-MAY-96	5.700E-02	------	31.0	------	------	0.181
4-MAY-96	5.700E-02	------	30.0	------	------	------
5-MAY-96	5.700E-02	------	30.0	------	------	------
6-MAY-96	5.700E-02	<1.00	29.7	------	------	0.214
7-MAY-96	5.700E-02	------	29.1	5.600E-02	------	------
8-MAY-96	5.700E-02	------	31.7	------	------	0.171
9-MAY-96	5.700E-02	------	------	------	------	------
10-MAY-96	5.700E-02	------	31.5	------	------	0.183
11-MAY-96	5.700E-02	------	------	------	------	------
12-MAY-96	5.700E-02	------	------	------	------	------
13-MAY-96	5.700E-02	<1.00	29.0	5.600E-02	------	0.183
14-MAY-96	5.700E-02	------	29.1	5.700E-02	------	------
15-MAY-96	5.700E-02	------	29.0	5.700E-02	------	0.130
16-MAY-96	5.700E-02	------	------	------	------	------
17-MAY-96	5.700E-02	------	28.0	------	------	0.130
18-MAY-96	5.700E-02	------	------	------	------	------
19-MAY-96	5.700E-02	------	------	------	------	------
20-MAY-96	5.700E-02	<1.00	28.0	------	------	0.161
21-MAY-96	5.700E-02	------	------	------	------	------
22-MAY-96	5.700E-02	------	29.0	------	------	0.193
23-MAY-96	5.700E-02	------	------	------	------	------
24-MAY-96	5.700E-02	------	29.0	------	------	0.208
25-MAY-96	5.700E-02	------	------	------	------	------
26-MAY-96	5.700E-02	------	------	------	------	------
27-MAY-96	5.700E-02	------	30.0	------	------	0.260
28-MAY-96	5.700E-02	------	------	------	------	------
29-MAY-96	5.700E-02	<0.500	35.0	------	------	0.466
30-MAY-96	5.700E-02	------	------	------	------	0.207
31-MAY-96	5.700E-02	------	34.0	5.700E-02	------	0.376
MINIMUM	5.700E-02	<1.00	28.0	5.600E-02	------	0.130
MAXIMUM	5.700E-02	<0.500	35.0	5.700E-02	------	0.466
AVERAGE	5.700E-02	<0.875	30.1	5.660E-02	------	0.222

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-MAY-96	0.718	------	5.130E+04	2.970E+04	------	1.91
2-MAY-96	------	------	------	------	------	------
3-MAY-96	0.642	------	2.970E+04	4.590E+04	------	1.36
4-MAY-96	------	------	------	------	------	------
5-MAY-96	------	------	------	------	------	------
6-MAY-96	0.708	------	4.590E+04	3.780E+04	------	1.67
7-MAY-96	------	------	------	------	30.5	------
8-MAY-96	0.501	------	3.840E+04	5.178E+04	------	1.35
9-MAY-96	------	------	------	------	------	------
10-MAY-96	0.756	------	5.232E+04	3.720E+04	------	1.38
11-MAY-96	------	------	------	------	------	------
12-MAY-96	------	------	------	------	------	------
13-MAY-96	0.365	------	3.768E+04	2.880E+04	29.0	1.34
14-MAY-96	------	------	------	------	30.0	------
15-MAY-96	5.900E-02	------	2.880E+04	7.440E+04	29.0	1.08
16-MAY-96	------	------	------	------	------	------
17-MAY-96	5.800E-02	------	7.440E+04	3.840E+04	------	1.05
18-MAY-96	------	------	------	------	------	------
19-MAY-96	------	------	------	------	------	------
20-MAY-96	0.226	------	3.840E+04	5.040E+04	------	1.20
21-MAY-96	------	------	------	------	------	------
22-MAY-96	0.476	------	5.040E+04	2.880E+04	------	1.47
23-MAY-96	------	------	------	------	30.0	------
24-MAY-96	0.554	------	2.880E+04	3.180E+04	------	1.47
25-MAY-96	------	------	------	------	29.0	------
26-MAY-96	------	------	------	------	29.0	------
27-MAY-96	0.676	------	3.180E+04	2.880E+04	------	1.76
28-MAY-96	------	------	------	------	------	------
29-MAY-96	0.787	------	2.880E+04	3.900E+04	------	3.15
30-MAY-96	0.665	------	3.960E+04	3.780E+04	30.0	1.98
31-MAY-96	0.868	------	3.840E+04	3.840E+04	34.0	2.44
MINIMUM	5.800E-02	------	2.880E+04	2.880E+04	29.0	1.05
MAXIMUM	0.868	------	7.440E+04	7.440E+04	34.0	3.15
AVERAGE	0.537	------	4.098E+04	3.993E+04	30.1	1.64

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-JUN-96	5.700E-02	------	------	------	------	------
2-JUN-96	5.700E-02	------	------	------	------	------
3-JUN-96	5.700E-02	------	30.0	------	------	0.153
4-JUN-96	5.700E-02	------	------	------	------	------
5-JUN-96	5.700E-02	<0.500	30.0	------	------	0.179
6-JUN-96	5.700E-02	------	32.0	------	------	------
7-JUN-96	5.700E-02	------	30.0	------	------	0.173
8-JUN-96	5.700E-02	------	30.0	------	------	------
9-JUN-96	5.700E-02	------	29.0	------	------	------
10-JUN-96	5.700E-02	<0.500	28.1	------	------	0.136
11-JUN-96	5.700E-02	------	------	------	------	------
12-JUN-96	5.700E-02	------	26.4	------	------	0.230
13-JUN-96	5.700E-02	------	------	------	------	------
14-JUN-96	5.700E-02	------	28.0	------	------	0.139
15-JUN-96	5.700E-02	------	------	------	------	------
16-JUN-96	5.700E-02	------	------	------	------	------
17-JUN-96	5.700E-02	------	28.0	5.700E-02	------	0.238
18-JUN-96	5.700E-02	------	------	5.700E-02	------	------
19-JUN-96	5.700E-02	------	27.0	5.700E-02	------	0.154
20-JUN-96	5.700E-02	<0.500	28.6	------	------	------
21-JUN-96	5.700E-02	------	------	------	------	0.180
22-JUN-96	5.700E-02	------	------	------	------	------
23-JUN-96	5.700E-02	------	------	------	------	------
24-JUN-96	5.700E-02	------	30.0	------	------	0.146
25-JUN-96	5.700E-02	------	------	------	------	------
26-JUN-96	5.700E-02	<0.500	30.7	------	------	7.400E-02
27-JUN-96	5.700E-02	------	------	------	------	------
28-JUN-96	5.700E-02	------	28.3	------	------	0.174
29-JUN-96	5.700E-02	------	------	------	------	------
30-JUN-96	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	26.4	5.700E-02	------	7.400E-02
MAXIMUM	5.700E-02	<0.500	32.0	5.700E-02	------	0.238
AVERAGE	5.700E-02	<0.500	29.1	5.700E-02	------	0.165

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-JUN-96	------	------	------	------	------	------
2-JUN-96	------	------	------	------	------	------
3-JUN-96	0.430	------	3.870E+04	6.000E+04	------	1.55
4-JUN-96	------	------	------	------	------	------
5-JUN-96	0.487	------	6.030E+04	4.680E+04	------	1.35
6-JUN-96	------	------	------	------	------	------
7-JUN-96	0.371	------	4.710E+04	3.510E+04	------	1.30
8-JUN-96	------	------	------	------	------	------
9-JUN-96	------	------	------	------	------	------
10-JUN-96	0.380	------	3.540E+04	4.032E+04	------	1.16
11-JUN-96	------	------	------	------	27.0	------
12-JUN-96	0.442	------	4.080E+04	2.670E+04	------	1.77
13-JUN-96	------	------	------	------	------	------
14-JUN-96	0.583	------	2.730E+04	3.168E+04	------	1.40
15-JUN-96	------	------	------	------	------	------
16-JUN-96	------	------	------	------	31.0	------
17-JUN-96	0.677	------	3.210E+04	5.136E+04	28.0	2.37
18-JUN-96	------	------	------	------	34.0	------
19-JUN-96	0.642	------	5.220E+04	5.580E+04	27.0	1.50
20-JUN-96	------	------	------	------	23.2	------
21-JUN-96	0.631	------	5.580E+04	6.750E+04	------	1.40
22-JUN-96	------	------	------	------	------	------
23-JUN-96	------	------	------	------	------	------
24-JUN-96	0.654	------	3.180E+04	6.060E+04	------	1.24
25-JUN-96	------	------	------	------	------	------
26-JUN-96	0.643	------	6.060E+04	4.110E+04	30.6	0.956
27-JUN-96	------	------	------	------	28.0	------
28-JUN-96	0.753	------	4.140E+04	3.870E+04	------	1.55
29-JUN-96	------	------	------	------	29.0	------
30-JUN-96	------	------	------	------	28.0	------
MINIMUM	0.371	------	2.730E+04	2.670E+04	23.2	0.956
MAXIMUM	0.753	------	6.060E+04	6.750E+04	34.0	2.37
AVERAGE	0.558	------	4.363E+04	4.631E+04	28.6	1.46

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-JUL-96	5.700E-02	------	27.4	------	------	0.158
2-JUL-96	5.700E-02	------	------	------	------	------
3-JUL-96	5.767E-02	<0.500	27.3	------	------	0.165
4-JUL-96	------	------	------	5.700E-02	------	------
5-JUL-96	5.700E-02	------	27.0	5.700E-02	------	0.205
6-JUL-96	------	------	------	------	------	------
7-JUL-96	5.700E-02	------	------	------	------	------
8-JUL-96	6.100E-02	------	27.1	------	------	0.165
9-JUL-96	5.700E-02	------	------	------	------	------
10-JUL-96	5.850E-02	<0.500	------	------	------	0.181
11-JUL-96	5.700E-02	------	------	5.700E-02	------	------
12-JUL-96	5.700E-02	------	27.6	------	------	0.187
13-JUL-96	5.700E-02	------	------	------	------	------
14-JUL-96	------	------	------	------	------	------
15-JUL-96	5.700E-02	------	28.0	------	------	0.204
16-JUL-96	5.700E-02	------	------	------	------	------
17-JUL-96	5.700E-02	<0.500	28.0	------	------	0.204
18-JUL-96	5.700E-02	------	------	------	------	------
19-JUL-96	5.700E-02	------	28.0	------	------	0.195
20-JUL-96	5.700E-02	------	------	------	------	------
21-JUL-96	------	------	------	------	------	------
22-JUL-96	5.700E-02	------	30.0	------	------	0.180
23-JUL-96	5.700E-02	------	------	5.700E-02	------	------
24-JUL-96	5.700E-02	------	29.0	5.700E-02	------	0.213
25-JUL-96	------	<1.00	------	------	------	------
26-JUL-96	5.700E-02	------	29.0	------	------	------
27-JUL-96	5.700E-02	------	------	------	------	0.222
28-JUL-96	5.700E-02	------	------	------	------	------
29-JUL-96	5.700E-02	<0.500	28.1	------	------	0.188
30-JUL-96	5.700E-02	------	------	------	------	------
31-JUL-96	5.700E-02	------	27.0	------	------	0.159
MINIMUM	5.700E-02	<0.500	27.0	5.700E-02	------	0.158
MAXIMUM	6.100E-02	<0.500	30.0	5.700E-02	------	0.222
AVERAGE	5.724E-02	<0.600	28.0	5.700E-02	------	0.188

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-JUL-96	0.720	------	3.870E+04	5.820E+04	------	1.34
2-JUL-96	------	------	------	------	------	------
3-JUL-96	0.909	------	4.080E+04	5.010E+04	25.0	1.41
4-JUL-96	------	------	------	------	28.0	------
5-JUL-96	0.741	------	5.040E+04	3.180E+04	27.0	1.80
6-JUL-96	------	------	------	------	------	------
7-JUL-96	------	------	------	------	------	------
8-JUL-96	0.613	------	3.210E+04	2.940E+04	28.0	1.48
9-JUL-96	------	------	------	------	------	------
10-JUL-96	0.612	------	2.940E+04	2.880E+04	------	1.48
11-JUL-96	------	------	------	------	29.8	------
12-JUL-96	0.550	------	2.880E+04	2.940E+04	------	1.57
13-JUL-96	------	------	------	------	------	------
14-JUL-96	------	------	------	------	------	------
15-JUL-96	0.592	------	2.940E+04	4.590E+04	28.0	1.68
16-JUL-96	------	------	------	------	28.0	------
17-JUL-96	0.618	------	4.590E+04	5.040E+04	------	1.81
18-JUL-96	------	------	------	------	------	------
19-JUL-96	0.547	------	5.070E+04	2.940E+04	------	1.58
20-JUL-96	------	------	------	------	------	------
21-JUL-96	------	------	------	------	------	------
22-JUL-96	0.470	------	2.982E+04	3.300E+04	------	1.56
23-JUL-96	------	------	------	------	28.0	------
24-JUL-96	0.555	------	3.360E+04	5.490E+04	28.5	1.79
25-JUL-96	------	------	------	------	------	------
26-JUL-96	------	------	------	------	------	------
27-JUL-96	0.667	------	5.532E+04	7.560E+03	28.0	1.80
28-JUL-96	------	------	------	------	27.0	------
29-JUL-96	0.645	------	8.160E+03	5.400E+04	30.4	1.65
30-JUL-96	------	------	------	------	------	------
31-JUL-96	0.522	------	5.400E+04	5.970E+04	------	1.41
MINIMUM	0.470	------	8.160E+03	7.560E+03	25.0	1.34
MAXIMUM	0.909	------	5.532E+04	5.970E+04	30.4	1.81
AVERAGE	0.626	------	3.765E+04	4.018E+04	28.0	1.60

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-AUG-96	5.700E-02	------	------	------	------	------
2-AUG-96	5.700E-02	------	28.0	------	------	0.158
3-AUG-96	5.700E-02	------	------	------	------	------
4-AUG-96	5.700E-02	------	------	------	------	------
5-AUG-96	5.700E-02	------	27.0	------	------	0.151
6-AUG-96	5.800E-02	------	------	------	------	------
7-AUG-96	5.700E-02	------	26.0	------	------	0.164
8-AUG-96	5.700E-02	<0.500	27.0	5.700E-02	------	------
9-AUG-96	5.700E-02	------	27.0	5.700E-C2	------	0.165
10-AUG-96	5.700E-02	------	------	------	------	------
11-AUG-96	5.700E-02	------	------	------	------	------
12-AUG-96	5.700E-02	------	27.0	------	------	0.154
13-AUG-96	5.700E-02	------	------	------	------	------
14-AUG-96	5.700E-02	------	28.0	------	------	0.185
15-AUG-96	5.700E-02	------	------	------	------	------
16-AUG-96	5.700E-02	------	26.0	------	------	0.166
17-AUG-96	5.700E-02	------	------	------	------	------
18-AUG-96	5.700E-02	------	------	------	------	------
19-AUG-96	5.700E-02	------	27.9	------	------	0.149
20-AUG-96	5.700E-02	------	------	------	------	------
21-AUG-96	5.800E-02	------	------	------	------	0.247
22-AUG-96	5.700E-02	<0.500	------	------	------	------
23-AUG-96	5.700E-02	------	27.0	------	------	0.191
24-AUG-96	5.700E-02	------	------	------	------	------
25-AUG-96	5.700E-02	------	------	------	------	------
26-AUG-96	5.700E-02	<0.500	28.0	5.700E-02	------	0.157
27-AUG-96	5.700E-02	------	------	5.700E-02	------	------
28-AUG-96	5.700E-02	------	27.5	5.700E-02	------	0.467
29-AUG-96	5.700E-02	------	------	------	------	------
30-AUG-96	5.700E-02	------	------	------	------	0.193
31-AUG-96	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	26.0	5.700E-02	------	0.149
MAXIMUM	5.800E-02	<0.500	28.0	5.700E-02	------	0.467
AVERAGE	5.706E-02	<0.500	27.2	5.700E-02	------	0.196

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-AUG-96	------	------	------	------	------	------
2-AUG-96	0.549	------	5.970E+04	4.950E+04	------	1.38
3-AUG-96	------	------	------	------	------	------
4-AUG-96	------	------	------	------	------	------
5-AUG-96	0.560	------	4.980E+04	3.120E+04	------	1.26
6-AUG-96	------	------	------	------	30.7	------
7-AUG-96	0.561	------	3.150E+04	3.450E+04	------	1.41
8-AUG-96	------	------	------	------	27.0	------
9-AUG-96	0.577	------	3.510E+04	3.180E+04	27.0	1.33
10-AUG-96	------	------	------	------	------	------
11-AUG-96	------	------	------	------	------	------
12-AUG-96	0.522	------	3.240E+04	3.060E+04	------	1.29
13-AUG-96	------	------	------	------	------	------
14-AUG-96	0.573	------	3.060E+04	3.780E+04	28.0	1.43
15-AUG-96	------	------	------	------	------	------
16-AUG-96	0.553	------	3.780E+04	3.690E+04	------	1.37
17-AUG-96	------	------	------	------	27.0	------
18-AUG-96	------	------	------	------	------	------
19-AUG-96	0.526	------	3.690E+04	3.180E+04	------	1.24
20-AUG-96	------	------	------	------	27.6	------
21-AUG-96	0.614	------	3.180E+04	5.364E+04	27.0	1.74
22-AUG-96	------	------	------	------	------	------
23-AUG-96	0.564	------	5.412E+04	5.322E+04	------	1.48
24-AUG-96	------	------	------	------	------	------
25-AUG-96	------	------	------	------	------	------
26-AUG-96	0.570	------	5.370E+04	3.132E+04	28.0	1.32
27-AUG-96	------	------	------	------	27.0	------
28-AUG-96	0.674	------	3.186E+04	5.130E+04	28.0	2.88
29-AUG-96	------	------	------	------	------	------
30-AUG-96	0.511	------	5.160E+04	3.330E+04	------	1.50
31-AUG-96	------	------	------	------	------	------
MINIMUM	0.511	------	3.060E+04	3.060E+04	27.0	1.24
MAXIMUM	0.674	------	5.970E+04	5.364E+04	30.7	2.88
AVERAGE	0.566	------	4.130E+04	3.899E+04	27.7	1.51

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-SEP-96	5.700E-02	------	------	------	------	------
2-SEP-96	5.700E-02	------	28.0	------	------	0.296
3-SEP-96	5.700E-02	------	------	------	------	------
4-SEP-96	5.700E-02	------	28.0	------	------	0.248
5-SEP-96	------	0.700	27.0	------	------	------
6-SEP-96	5.700E-02	------	27.1	------	------	0.173
7-SEP-96	5.700E-02	------	------	------	------	------
8-SEP-96	5.700E-02	------	------	------	------	------
9-SEP-96	5.700E-02	------	31.0	------	------	0.154
10-SEP-96	5.700E-02	------	------	------	------	------
11-SEP-96	5.700E-02	------	27.6	------	------	0.148
12-SEP-96	5.700E-02	------	------	5.700E-02	------	------
13-SEP-96	5.700E-02	------	28.0	5.700E-02	------	0.151
14-SEP-96	5.700E-02	------	------	5.700E-02	------	------
15-SEP-96	5.700E-02	------	------	5.700E-02	------	------
16-SEP-96	5.700E-02	------	29.0	------	------	0.180
17-SEP-96	------	------	------	------	------	------
18-SEP-96	5.700E-02	------	28.1	------	------	0.200
19-SEP-96	5.700E-02	<0.500	------	------	------	------
20-SEP-96	5.700E-02	------	28.0	------	------	0.137
21-SEP-96	5.700E-02	------	------	------	------	------
22-SEP-96	5.700E-02	------	------	------	------	------
23-SEP-96	5.700E-02	------	27.2	------	------	0.147
24-SEP-96	5.700E-02	------	------	------	------	------
25-SEP-96	5.700E-02	<0.500	------	------	------	0.143
26-SEP-96	5.700E-02	------	------	------	------	------
27-SEP-96	5.700E-02	------	29.0	------	------	0.147
28-SEP-96	5.700E-02	------	------	5.700E-02	------	------
29-SEP-96	------	------	------	------	------	------
30-SEP-96	------	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	27.0	5.700E-02	------	0.137
MAXIMUM	5.700E-02	0.700	31.0	5.700E-02	------	0.296
AVERAGE	5.700E-02	<0.100	28.2	5.700E-02	------	0.177

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-SEP-96	------	------	------	------	------	------
2-SEP-96	0.515	------	3.312E+04	2.700E+04	------	2.02
3-SEP-96	------	------	------	------	------	------
4-SEP-96	0.535	------	2.700E+04	3.180E+04	------	1.75
5-SEP-96	------	------	------	------	27.0	------
6-SEP-96	0.524	------	3.180E+04	3.810E+04	------	1.41
7-SEP-96	------	------	------	------	29.0	------
8-SEP-96	------	------	------	------	------	------
9-SEP-96	0.559	------	3.810E+04	5.856E+04	------	1.35
10-SEP-96	------	------	------	------	------	------
11-SEP-96	0.369	------	5.910E+04	8.280E+04	------	1.20
12-SEP-96	------	------	------	------	27.0	------
13-SEP-96	0.297	------	8.280E+04	4.470E+04	28.0	1.19
14-SEP-96	------	------	------	------	28.0	------
15-SEP-96	------	------	------	------	28.0	------
16-SEP-96	0.221	------	4.500E+04	4.050E+04	------	1.37
17-SEP-96	------	------	------	------	------	------
18-SEP-96	0.226	------	4.050E+04	2.730E+04	------	1.45
19-SEP-96	------	------	------	------	------	------
20-SEP-96	0.130	------	2.730E+04	6.000E+04	------	1.15
21-SEP-96	------	------	------	------	------	------
22-SEP-96	------	------	------	------	------	------
23-SEP-96	0.105	------	6.000E+04	2.670E+04	------	1.18
24-SEP-96	------	------	------	------	------	------
25-SEP-96	7.100E-02	------	2.730E+04	3.720E+04	------	1.22
26-SEP-96	------	------	------	------	------	------
27-SEP-96	6.300E-02	------	3.720E+04	2.640E+04	------	1.19
28-SEP-96	------	------	------	------	46.0	------
29-SEP-96	------	------	------	------	------	------
30-SEP-96	------	------	------	------	------	------
MINIMUM	6.300E-02	------	2.700E+04	2.640E+04	27.0	1.15
MAXIMUM	0.559	------	8.280E+04	8.280E+04	46.0	2.02
AVERAGE	0.301	------	4.244E+04	4.176E+04	30.4	1.37

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-OCT-96	------	------	------	------	------	------
2-OCT-96	------	------	------	------	------	------
3-OCT-96	------	------	------	------	------	------
4-OCT-96	------	------	------	------	------	------
5-OCT-96	------	------	------	------	------	------
6-OCT-96	------	------	------	------	------	------
7-OCT-96	------	------	------	------	------	------
8-OCT-96	------	------	------	------	------	------
9-OCT-96	------	------	------	------	------	------
10-OCT-96	------	------	------	------	------	------
11-OCT-96	------	------	------	------	------	------
12-OCT-96	------	------	------	------	------	------
13-OCT-96	------	------	------	------	------	------
14-OCT-96	------	------	------	------	------	------
15-OCT-96	------	------	------	------	------	------
16-OCT-96	------	------	------	------	------	------
17-OCT-96	------	------	------	------	------	------
18-OCT-96	------	------	------	------	------	------
19-OCT-96	------	------	------	------	------	------
20-OCT-96	------	------	------	------	------	------
21-OCT-96	------	------	------	------	------	------
22-OCT-96	------	------	------	------	------	------
23-OCT-96	------	------	------	------	------	------
24-OCT-96	------	------	------	------	------	------
25-OCT-96	------	------	------	------	------	------
26-OCT-96	------	------	------	------	------	------
27-OCT-96	------	------	------	------	------	------
28-OCT-96	------	------	------	------	------	------
29-OCT-96	------	------	------	------	------	------
30-OCT-96	------	------	------	------	------	------
31-OCT-96	8.700E-02	------	------	9.300E-02	------	------
MINIMUM	8.700E-02	------	------	9.300E-02	------	------
MAXIMUM	8.700E-02	------	------	9.300E-02	------	------
AVERAGE	8.700E-02	------	------	9.300E-02	------	------

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-OCT-96	------	------	------	------	------	------
2-OCT-96	------	------	------	------	------	------
3-OCT-96	------	------	------	------	------	------
4-OCT-96	------	------	------	------	------	------
5-OCT-96	------	------	------	------	------	------
6-OCT-96	------	------	------	------	------	------
7-OCT-96	------	------	------	------	------	------
8-OCT-96	------	------	------	------	------	------
9-OCT-96	------	------	------	------	------	------
10-OCT-96	------	------	------	------	------	------
11-OCT-96	------	------	------	------	------	------
12-OCT-96	------	------	------	------	------	------
13-OCT-96	------	------	------	------	------	------
14-OCT-96	------	------	------	------	------	------
15-OCT-96	------	------	------	------	------	------
16-OCT-96	------	------	------	------	------	------
17-OCT-96	------	------	------	------	------	------
18-OCT-96	------	------	------	------	------	------
19-OCT-96	------	------	------	------	------	------
20-OCT-96	------	------	------	------	------	------
21-OCT-96	------	------	------	------	------	------
22-OCT-96	------	------	------	------	------	------
23-OCT-96	------	------	------	------	------	------
24-OCT-96	------	------	------	------	------	------
25-OCT-96	------	------	------	------	------	------
26-OCT-96	------	------	------	------	------	------
27-OCT-96	------	------	------	------	------	------
28-OCT-96	------	------	------	------	------	------
29-OCT-96	------	------	------	------	------	------
30-OCT-96	------	------	------	------	------	------
31-OCT-96	------	------	------	------	6.000E+03	------
MINIMUM	------	------	------	------	6.000E+03	------
MAXIMUM	------	------	------	------	6.000E+03	------
AVERAGE	------	------	------	------	6.000E+03	------

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-NOV-96	9.300E-02	------	------	------	------	------
2-NOV-96	6.300E-02	------	------	6.300E-02	------	------
3-NOV-96	5.800E-02	------	------	5.800E-02	------	0.687
4-NOV-96	5.800E-02	------	53.0	------	------	------
5-NOV-96	6.000E-02	------	------	------	------	0.574
6-NOV-96	5.900E-02	------	32.0	------	------	0.214
7-NOV-96	5.800E-02	<0.500	------	------	------	0.150
8-NOV-96	5.800E-02	------	36.0	------	------	0.110
9-NOV-96	5.800E-02	------	------	------	------	0 136
10-NOV-96	5.700E-02	------	------	------	------	------
11-NOV-96	5.700E-02	------	35.0	------	------	9.800E-02
12-NOV-96	5.700E-02	------	------	------	------	------
13-NOV-96	5.700E-02	<0.500	------	------	------	9.400E-02
14-NOV-96	5.700E-02	------	------	5.700E-02	------	------
15-NOV-96	5.700E-02	------	31.0	------	------	0.121
16-NOV-96	5.700E-02	------	------	------	------	------
17-NOV-96	5.700E-02	------	------	------	------	------
18-NOV-96	5.800E-02	------	37.0	------	------	0.103
19-NOV-96	5.700E-02	<0.500	------	------	------	------
20-NOV-96	5.700E-02	------	40.0	------	------	0.108
21-NOV-96	5.700E-02	------	------	5.700E-02	------	------
22-NOV-96	5.700E-02	------	36.0	5.700E-02	------	8.600E-02
23-NOV-96	5.700E-02	------	------	5.700E-02	------	------
24-NOV-96	------	------	------	------	------	------
25-NOV-96	5.700E-02	------	38.0	------	------	0.208
26-NOV-96	5.700E-02	------	------	------	------	------
27-NOV-96	5.700E-02	<0.500	34.0	------	------	0.322
28-NOV-96	5.700E-02	------	------	------	------	------
29-NOV-96	5.700E-02	------	36.0	------	------	0.462
30-NOV-96	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	31.0	5.700E-02	------	8.600E-02
MAXIMUM	9.300E-02	<0.500	53.0	6.300E-02	------	0.687
AVERAGE	5.883E-02	<0.500	37.1	5.817E-02	------	0.232

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-NOV-96	------	------	------	------	------	------
2-NOV-96	------	------	------	------	500.	------
3-NOV-96	0.261	------	5.928E+04	5.670E+04	73.0	18.1
4-NOV-96	------	------	------	------	------	------
5-NOV-96	0.218	------	5.670E+04	6.900E+03	------	20.9
6-NOV-96	9.900E-02	------	6.900E+03	1.080E+04	------	3.25
7-NOV-96	8.100E-02	------	1.080E+04	1.170E+04	------	2.06
8-NOV-96	7.700E-02	------	1.224E+04	1.230E+04	------	0.987
9-NOV-96	0.502	------	1.230E+04	1.326E+04	37.0	0.815
10-NOV-96	------	------	------	------	------	------
11-NOV-96	0.573	------	1.392E+04	5.130E+04	------	0.901
12-NOV-96	------	------	------	------	35.0	------
13-NOV-96	0.513	------	5.130E+04	3.084E+04	30.0	0.902
14-NOV-96	------	------	------	------	30.0	------
15-NOV-96	0.527	------	3.114E+04	4.080E+04	------	1.15
16-NOV-96	------	------	------	------	37.0	------
17-NOV-96	------	------	------	------	36.0	------
18-NOV-96	0.504	------	4.080E+04	3.114E+04	------	0.937
19-NOV-96	------	------	------	------	------	------
20-NOV-96	0.433	------	3.156E+04	2.850E+04	------	0.919
21-NOV-96	------	------	------	------	36.0	------
22-NOV-96	0.384	------	2.910E+04	2.940E+04	36.0	0.651
23-NOV-96	------	------	------	------	35.0	------
24-NOV-96	------	------	------	------	------	------
25-NOV-96	0.386	------	2.970E+04	2.832E+04	------	1.30
26-NOV-96	------	------	------	------	------	------
27-NOV-96	0.489	------	2.892E+04	3.720E+04	------	2.04
28-NOV-96	------	------	------	------	------	------
29-NOV-96	0.816	------	3.720E+04	4.290E+04	------	2.68
30-NOV-96	------	------	------	------	------	------
MINIMUM	7.700E-02	------	6.900E+03	6.900E+03	30.0	0.651
MAXIMUM	0.816	------	5.928E+04	5.670E+04	500.	20.9
AVERAGE	0.391	------	3.012E+04	2.880E+04	80.5	3.83

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-DEC-96	5.700E-02	------	------	5.800E-02	------	------
2-DEC-96	5.700E-02	<0.500	29.5	------	------	9.600E-02
3-DEC-96	5.700E-02	------	------	------	------	------
4-DEC-96	5.700E-02	------	30.0	------	------	9.400E-02
5-DEC-96	5.700E-02	------	30.0	5.800E-02	------	------
6-DEC-96	5.700E-02	------	39.0	------	------	0.130
7-DEC-96	5.700E-02	------	------	------	------	------
8-DEC-96	5.700E-02	------	------	------	------	------
9-DEC-96	5.700E-02	------	34.0	5.700E-02	------	0.108
10-DEC-96	5.700E-02	<0.500	------	5.700E-02	------	------
11-DEC-96	5.700E-02	------	33.0	5.700E-02	------	0.588
12-DEC-96	5.700E-02	------	------	------	------	------
13-DEC-96	5.700E-02	------	35.0	------	------	0.134
14-DEC-96	5.700E-02	------	------	------	------	------
15-DEC-96	5.700E-02	------	------	------	------	------
16-DEC-96	5.700E-02	------	------	------	------	------
17-DEC-96	5.700E-02	<0.500	------	------	------	------
18-DEC-96	5.700E-02	------	------	------	------	0.134
19-DEC-96	5.700E-02	------	------	------	------	------
20-DEC-96	5.700E-02	------	45.0	5.700E-02	------	0.149
21-DEC-96	5.700E-02	------	------	------	------	------
22-DEC-96	7.000E-02	------	------	------	------	------
23-DEC-96	------	------	------	------	------	------
24-DEC-96	5.700E-02	<0.500	------	------	------	------
25-DEC-96	5.700E-02	------	39.0	------	------	0.249
26-DEC-96	5.700E-02	------	------	5.700E-02	------	------
27-DEC-96	5.700E-02	------	29.0	5.700E-02	------	0.122
28-DEC-96	5.700E-02	------	------	5.700E-02	------	------
29-DEC-96	5.700E-02	------	------	5.700E-02	------	------
30-DEC-96	5.700E-02	------	26.0	------	------	5.800E-02
31-DEC-96	5.700E-02	<0.500	------	------	------	------
MINIMUM	5.700E-02	<0.500	26.0	5.700E-02	------	5.800E-02
MAXIMUM	7.000E-02	<0.500	45.0	5.800E-02	------	0.588
AVERAGE	5.743E-02	<0.500	33.6	5.720E-02	------	0.169

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-DEC-96	------	------	------	------	------	------
2-DEC-96	0.374	------	4.290E+04	4.008E+04	------	0.705
3-DEC-96	------	------	------	------	30.0	------
4-DEC-96	0.241	------	4.008E+04	2.970E+04	------	0.735
5-DEC-96	------	------	------	------	35.0	------
6-DEC-96	0.504	------	3.012E+04	5.892E+04	------	1.38
7-DEC-96	------	------	------	------	47.8	------
8-DEC-96	------	------	------	------	------	------
9-DEC-96	0.485	------	5.946E+04	2.850E+04	34.0	0.937
10-DEC-96	------	------	------	------	32.0	------
11-DEC-96	0.549	------	2.910E+04	4.860E+04	33.0	3.31
12-DEC-96	------	------	------	------	------	------
13-DEC-96	0.440	------	4.860E+04	5.640E+04	35.0	1.00
14-DEC-96	------	------	------	------	40.0	------
15-DEC-96	------	------	------	------	30.0	------
16-DEC-96	------	------	------	------	30.0	------
17-DEC-96	------	------	------	------	30.0	------
18-DEC-96	0.367	------	3.330E+04	3.660E+04	35.0	1.38
19-DEC-96	------	------	------	------	35.0	------
20-DEC-96	0.330	------	3.678E+04	1.182E+04	45.0	1.24
21-DEC-96	------	------	------	------	------	------
22-DEC-96	------	------	------	------	------	------
23-DEC-96	------	------	------	------	------	------
24-DEC-96	------	------	------	------	------	------
25-DEC-96	8.600E-02	------	4.248E+04	6.180E+04	------	5.30
26-DEC-96	------	------	------	------	26.0	------
27-DEC-96	6.500E-02	------	6.210E+04	4.722E+04	26.0	1.87
28-DEC-96	------	------	------	------	28.0	------
29-DEC-96	------	------	------	------	26.0	------
30-DEC-96	5.600E-02	------	4.764E+04	5.970E+04	------	0.566
31-DEC-96	------	------	------	------	------	------
MINIMUM	5.600E-02	------	2.910E+04	1.182E+04	26.0	0.566
MAXIMUM	0.549	------	6.210E+04	6.180E+04	47.8	5.30
AVERAGE	0.318	------	4.296E+04	4.358E+04	33.2	1.68

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-JAN-97	5.700E-02	------	29.0	------	------	0.123
2-JAN-97	5.700E-02	------	------	------	------	------
3-JAN-97	5.700E-02	------	27.0	------	------	6.600E-02
4-JAN-97	5.700E-02	------	------	------	------	------
5-JAN-97	5.700E-02	------	------	------	------	2.200E-02
6-JAN-97	5.700E-02	------	26.0	------	------	------
7-JAN-97	5.700E-02	<0.500	------	------	------	------
8-JAN-97	5.700E-02	------	34.9	------	------	7.600E-02
9-JAN-97	5.700E-02	------	------	------	------	------
10-JAN-97	5.700E-02	------	35.3	------	------	5.500E-02
11-JAN-97	5.700E-02	------	------	------	------	------
12-JAN-97	5.700E-02	------	------	------	------	------
13-JAN-97	5.700E-02	------	28.0	5.700E-02	------	0.106
14-JAN-97	5.700E-02	------	------	5.700E-02	------	------
15-JAN-97	5.700E-02	<0.500	27.0	5.700E-02	------	9.700E-02
16-JAN-97	5.700E-02	------	------	------	------	------
17-JAN-97	5.700E-02	------	29.0	------	------	9.800E-02
18-JAN-97	5.700E-02	------	------	------	------	------
19-JAN-97	5.700E-02	------	------	------	------	------
20-JAN-97	5.700E-02	------	28.0	------	------	0.128
21-JAN-97	5.700E-02	<0.500	------	------	------	------
22-JAN-97	5.700E-02	------	29.0	------	------	0.121
23-JAN-97	5.700E-02	------	------	5.700E-02	------	------
24-JAN-97	5.700E-02	------	33.0	------	------	0.114
25-JAN-97	5.700E-02	------	------	5.700E-02	------	------
26-JAN-97	5.700E-02	------	------	5.700E-02	------	------
27-JAN-97	5.700E-02	------	33.2	5.700E-02	------	0.152
28-JAN-97	5.700E-02	<0.500	------	------	------	------
29-JAN-97	5.700E-02	------	29.1	5.700E-02	------	0.201
30-JAN-97	5.700E-02	------	------	5.700E-02	------	------
31-JAN-97	5.700E-02	------	30.0	5.700E-02	------	0.167
MINIMUM	5.700E-02	<0.500	26.0	5.700E-02	------	2.200E-02
MAXIMUM	5.700E-02	<0.500	35.3	5.700E-02	------	0.201
AVERAGE	5.700E-02	<0.500	29.9	5.700E-02	------	0.109

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-JAN-97	0.262	------	5.970E+04	2.700E+04	------	0.865
2-JAN-97	------	------	------	------	------	------
3-JAN-97	4.400E-02	------	2.700E+04	2.880E+04	------	0.590
4-JAN-97	------	------	------	------	------	------
5-JAN-97	0.280	------	2.880E+04	3.630E+04	------	0.262
6-JAN-97	------	------	------	------	26.0	------
7-JAN-97	------	------	------	------	29.0	------
8-JAN-97	0.274	------	3.660E+04	2.898E+04	------	0.576
9-JAN-97	------	------	------	------	------	------
10-JAN-97	0.110	------	2.958E+04	4.968E+04	------	0.317
11-JAN-97	------	------	------	------	------	------
12-JAN-97	------	------	------	------	------	------
13-JAN-97	0.525	------	5.748E+04	3.060E+04	28.0	0.839
14-JAN-97	------	------	------	------	28.0	------
15-JAN-97	0.514	------	3.150E+04	3.600E+04	27.0	0.698
16-JAN-97	------	------	------	------	------	------
17-JAN-97	0.477	------	3.630E+04	3.600E+04	------	0.743
18-JAN-97	------	------	------	------	------	------
19-JAN-97	------	------	------	------	------	------
20-JAN-97	0.231	------	3.630E+04	3.210E+04	------	1.08
21-JAN-97	------	------	------	------	------	------
22-JAN-97	0.320	------	3.234E+04	2.736E+04	------	1.19
23-JAN-97	------	------	------	------	30.0	------
24-JAN-97	0.357	------	2.778E+04	3.030E+04	34.0	0.979
25-JAN-97	------	------	------	------	31.5	------
26-JAN-97	------	------	------	------	32.9	------
27-JAN-97	0.401	------	3.060E+04	3.162E+04	33.2	1.20
28-JAN-97	------	------	------	------	------	------
29-JAN-97	0.469	------	3.246E+04	3.084E+04	29.1	1.47
30-JAN-97	------	------	------	------	31.0	------
31-JAN-97	0.423	------	3.162E+04	2.730E+04	30.0	1.38
MINIMUM	4.400E-02	------	2.700E+04	2.700E+04	26.0	0.262
MAXIMUM	0.525	------	5.970E+04	4.968E+04	34.0	1.47
AVERAGE	0.335	------	3.558E+04	3.235E+04	30.0	0.870

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-FEB-97	5.700E-02	------	28.1	5.750E-02	------	0.158
2-FEB-97	5.700E-02	------	------	5.700E-02	------	------
3-FEB-97	5.700E-02	------	27.0	------	------	0.179
4-FEB-97	5.700E-02	<0.500	------	------	------	0.149
5-FEB-97	5.700E-02	------	32.0	------	------	0.191
6-FEB-97	5.700E-02	------	------	------	------	------
7-FEB-97	5.700E-02	------	29.0	------	------	0.126
8-FEB-97	5.700E-02	------	------	------	------	------
9-FEB-97	5.700E-02	------	------	------	------	------
10-FEB-97	5.700E-02	------	30.0	------	------	9.200E-02
11-FEB-97	5.700E-02	------	------	------	------	------
12-FEB-97	5.700E-02	------	27.0	------	------	0.140
13-FEB-97	5.700E-02	<0.500	------	------	------	------
14-FEB-97	5.700E-02	------	32.0	5.700E-02	------	0.156
15-FEB-97	5.700E-02	------	------	------	------	0.151
16-FEB-97	5.700E-02	------	------	------	------	0.154
17-FEB-97	5.700E-02	------	29.0	------	------	0.173
18-FEB-97	5.700E-02	<0.500	------	------	------	------
19-FEB-97	5.700E-02	------	27.0	5.700E-02	------	0.151
20-FEB-97	5.700E-02	------	------	------	------	------
21-FEB-97	5.700E-02	------	28.0	------	------	0.140
22-FEB-97	5.700E-02	------	------	------	------	0.128
23-FEB-97	5.700E-02	------	------	------	------	0.178
24-FEB-97	5.700E-02	------	30.0	------	------	0.175
25-FEB-97	5.700E-02	<0.500	------	------	------	------
26-FEB-97	5.700E-02	------	30.0	------	------	0.164
27-FEB-97	5.700E-02	------	------	------	------	------
28-FEB-97	5.700E-02	------	26.0	------	------	0.150
MINIMUM	5.700E-02	<0.500	26.0	5.700E-02	------	9.200E-02
MAXIMUM	5.700E-02	<0.500	32.0	5.750E-02	------	0.191
AVERAGE	5.700E-02	<0.500	28.9	5.712E-02	------	0.153

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-FEB-97	0.519	------	2.850E+04	5.316E+04	29.0	1.18
2-FEB-97	------	------	------	------	32.0	------
3-FEB-97	0.189	------	5.352E+04	7.500E+03	------	1.89
4-FEB-97	0.221	------	7.680E+03	9.600E+03	------	1.27
5-FEB-97	0.568	------	9.780E+03	3.600E+04	------	1.37
6-FEB-97	------	------	------	------	------	------
7-FEB-97	0.436	------	3.630E+04	3.660E+04	------	1.08
8-FEB-97	------	------	------	------	------	------
9-FEB-97	------	------	------	------	------	------
10-FEB-97	0.297	------	3.684E+04	5.640E+04	30.0	0.833
11-FEB-97	------	------	------	------	29.0	------
12-FEB-97	0.476	------	5.730E+04	5.472E+04	------	1.16
13-FEB-97	------	------	------	------	------	------
14-FEB-97	0.582	------	5.688E+04	3.480E+04	32.0	1.39
15-FEB-97	0.694	------	3.618E+04	4.062E+04	------	1.55
16-FEB-97	------	------	------	------	------	------
17-FEB-97	0.596	------	5.640E+04	5.598E+04	------	1.45
18-FEB-97	------	------	------	------	------	------
19-FEB-97	0.498	------	5.670E+04	5.904E+04	27.0	1.22
20-FEB-97	------	------	------	------	------	------
21-FEB-97	0.475	------	5.988E+04	6.072E+04	------	1.18
22-FEB-97	0.508	------	6.144E+04	2.640E+04	------	0.991
23-FEB-97	0.546	------	6.570E+04	7.830E+04	------	1.59
24-FEB-97	0.554	------	7.902E+04	2.640E+04	------	1.51
25-FEB-97	------	------	------	------	------	------
26-FEB-97	0.510	------	2.700E+04	4.950E+04	------	1.50
27-FEB-97	------	------	------	------	28.0	------
28-FEB-97	0.480	------	4.980E+04	4.770E+04	26.0	1.31
MINIMUM	0.189	------	7.680E+03	7.500E+03	26.0	0.833
MAXIMUM	0.694	------	7.902E+04	7.830E+04	32.0	1.89
AVERAGE	0.479	------	4.582E+04	4.314E+04	29.1	1.32

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-MAR-97	5.700E-02	------	------	------	------	------
2-MAR-97	5.700E-02	------	------	------	------	0.239
3-MAR-97	5.700E-02	------	29.0	------	------	0.157
4-MAR-97	5.700E-02	------	------	------	------	------
5-MAR-97	5.700E-02	<0.500	30.0	5.700E-02	------	0.141
6-MAR-97	5.700E-02	------	------	5.700E-02	------	------
7-MAR-97	5.700E-02	------	30.0	5.700E-02	------	0.139
8-MAR-97	5.700E-02	------	29.2	5.700E-02	------	------
9-MAR-97	5.700E-02	------	------	5.700E-02	------	------
10-MAR-97	5.700E-02	------	27.0	------	------	0.154
11-MAR-97	5.700E-02	<0.500	------	------	------	------
12-MAR-97	5.700E-02	------	27.0	------	------	0.139
13-MAR-97	5.700E-02	------	------	------	------	------
14-MAR-97	5.700E-02	------	26.0	------	------	0.166
15-MAR-97	5.700E-02	------	------	5.600E-02	------	------
16-MAR-97	5.800E-02	------	------	------	------	------
17-MAR-97	5.700E-02	------	30.0	------	------	0.146
18-MAR-97	5.700E-02	<0.500	------	------	------	------
19-MAR-97	5.700E-02	------	30.0	------	------	0.161
20-MAR-97	5.700E-02	------	------	------	------	------
21-MAR-97	5.700E-02	------	26.0	------	------	0.163
22-MAR-97	5.700E-02	------	------	------	------	------
23-MAR-97	5.700E-02	------	------	------	------	0.241
24-MAR-97	5.700E-02	------	26.0	5.700E-02	------	0.196
25-MAR-97	5.700E-02	------	------	5.700E-02	------	------
26-MAR-97	5.700E-02	------	25.0	5.700E-02	------	0.159
27-MAR-97	5.700E-02	<0.500	------	------	------	------
28-MAR-97	5.700E-02	------	25.0	------	------	0.144
29-MAR-97	5.700E-02	------	------	------	------	------
30-MAR-97	5.700E-02	------	------	------	------	------
31-MAR-97	5.700E-02	<0.500	27.0	------	------	0.123
MINIMUM	5.700E-02	<0.500	25.0	5.600E-02	------	0.123
MAXIMUM	5.800E-02	<0.500	30.0	5.700E-02	------	0.241
AVERAGE	5.703E-02	<0.500	27.7	5.689E-02	------	0.165

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-MAR-97	------	------	------	------	28.0	------
2-MAR-97	0.658	------	4.770E+04	1.512E+04	28.0	2.69
3-MAR-97	0.510	------	1.530E+04	5.280E+04	------	1.37
4-MAR-97	------	------	------	------	------	------
5-MAR-97	0.468	------	5.340E+04	3.180E+04	30.0	1.25
6-MAR-97	------	------	------	------	33.0	------
7-MAR-97	0.494	------	3.450E+04	2.640E+04	30.0	1.18
8-MAR-97	------	------	------	------	29.6	------
9-MAR-97	------	------	------	------	30.0	------
10-MAR-97	0.501	------	2.700E+04	3.150E+04	------	1.36
11-MAR-97	------	------	------	------	------	------
12-MAR-97	0.471	------	3.180E+04	7.452E+04	------	1.16
13-MAR-97	------	------	------	------	------	------
14-MAR-97	0.502	------	7.512E+04	2.670E+04	------	1.56
15-MAR-97	------	------	------	------	------	------
16-MAR-97	------	------	------	------	31.2	------
17-MAR-97	0.470	------	2.700E+04	2.988E+04	30.0	1.30
18-MAR-97	------	------	------	------	28.0	------
19-MAR-97	0.511	------	3.030E+04	6.222E+04	30.0	1.40
20-MAR-97	------	------	------	------	------	------
21-MAR-97	0.486	------	6.252E+04	4.050E+04	26.0	1.37
22-MAR-97	------	------	------	------	------	------
23-MAR-97	0.609	------	4.080E+04	5.232E+04	------	2.52
24-MAR-97	0.468	------	5.310E+04	5.580E+04	26.0	1.81
25-MAR-97	------	------	------	------	26.0	------
26-MAR-97	0.498	------	5.580E+04	3.600E+04	25.0	1.38
27-MAR-97	------	------	------	------	------	------
28-MAR-97	0.458	------	3.630E+04	6.540E+04	------	1.28
29-MAR-97	------	------	------	------	------	------
30-MAR-97	------	------	------	------	------	------
31-MAR-97	0.480	------	6.570E+04	2.700E+04	------	0.984
MINIMUM	0.458	------	1.530E+04	1.512E+04	25.0	0.984
MAXIMUM	0.658	------	7.512E+04	7.452E+04	33.0	2.69
AVERAGE	0.506	------	4.376E+04	4.186E+04	28.7	1.51

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-APR-97	------	------	------	------	------	------
2-APR-97	5.700E-02	------	29.0	------	------	0.164
3-APR-97	5.700E-02	------	------	------	------	------
4-APR-97	5.700E-02	------	24.5	------	------	0.149
5-APR-97	5.700E-02	------	------	------	------	------
6-APR-97	5.700E-02	------	------	------	------	------
7-APR-97	5.700E-02	------	24.0	5.700E-02	------	0.137
8-APR-97	5.700E-02	<0.500	------	------	------	------
9-APR-97	5.700E-02	------	30.0	5.700E-02	------	0.137
10-APR-97	5.700E-02	------	------	5.700E-02	------	------
11-APR-97	5.700E-02	------	28.0	5.700E-02	------	------
12-APR-97	5.700E-02	------	26.2	5.700E-02	------	------
13-APR-97	5.700E-02	------	------	5.700E-02	------	------
14-APR-97	5.700E-02	<0.500	29.0	------	------	0.157
15-APR-97	5.700E-02	------	------	------	------	------
16-APR-97	5.700E-02	------	27.0	------	------	0.164
17-APR-97	5.700E-02	------	------	------	------	------
18-APR-97	5.700E-02	------	27.0	------	------	0.160
19-APR-97	5.700E-02	------	------	------	------	------
20-APR-97	5.700E-02	------	------	------	------	------
21-APR-97	5.700E-02	------	25.1	------	------	0.148
22-APR-97	------	<0.500	------	------	------	------
23-APR-97	5.700E-02	------	29.0	------	------	0.149
24-APR-97	5.700E-02	------	------	------	------	------
25-APR-97	5.700E-02	------	28.0	5.700E-02	------	0.119
26-APR-97	5.700E-02	------	28.9	------	------	------
27-APR-97	5.700E-02	------	------	------	------	------
28-APR-97	5.700E-02	------	26.0	5.700E-02	------	9.700E-02
29-APR-97	5.700E-02	<0.500	------	5.700E-02	------	------
30-APR-97	5.700E-02	------	28.0	5.700E-02	------	0.129
MINIMUM	5.700E-02	<0.500	24.0	5.700E-02	------	9.700E-02
MAXIMUM	5.700E-02	<0.500	30.0	5.700E-02	------	0.164
AVERAGE	5.700E-02	<0.500	27.3	5.700E-02	------	0.143

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-APR-97	------	------	------	------	------	------
2-APR-97	0.552	------	2.730E+04	4.080E+04	------	1.40
3-APR-97	------	------	------	------	28.3	------
4-APR-97	0.546	------	4.110E+04	3.150E+04	24.5	1.26
5-APR-97	------	------	------	------	------	------
6-APR-97	------	------	------	------	26.0	------
7-APR-97	0.486	------	3.180E+04	3.108E+04	24.0	1.13
8-APR-97	------	------	------	------	------	------
9-APR-97	0.478	------	3.216E+04	3.456E+04	30.0	1.29
10-APR-97	------	------	------	------	28.0	------
11-APR-97	------	------	------	------	28.0	------
12-APR-97	------	------	------	------	28.5	------
13-APR-97	------	------	------	------	31.0	------
14-APR-97	0.486	------	3.141E+04	2.691E+04	------	1.33
15-APR-97	------	------	------	------	28.0	------
16-APR-97	0.513	------	2.622E+04	2.622E+04	------	1.43
17-APR-97	------	------	------	------	------	------
18-APR-97	0.694	------	2.652E+04	2.682E+04	26.7	1.45
19-APR-97	------	------	------	------	------	------
20-APR-97	------	------	------	------	------	------
21-APR-97	0.419	------	2.730E+04	4.050E+04	------	1.30
22-APR-97	------	------	------	------	------	------
23-APR-97	7.400E-02	------	4.080E+04	3.132E+04	29.0	1.27
24-APR-97	------	------	------	------	------	------
25-APR-97	3.600E-02	------	3.210E+04	2.610E+04	28.0	1.04
26-APR-97	------	------	------	------	26.6	------
27-APR-97	------	------	------	------	------	------
28-APR-97	0.415	------	2.658E+04	2.820E+04	26.0	0.974
29-APR-97	------	------	------	------	28.0	------
30-APR-97	0.441	------	2.868E+04	5.316E+04	28.0	1.07
MINIMUM	3.600E-02	------	2.622E+04	2.610E+04	24.0	0.974
MAXIMUM	0.694	------	4.110E+04	5.316E+04	31.0	1.45
AVERAGE	0.428	------	3.100E+04	3.310E+04	27.6	1.25

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-MAY-97	5.700E-02	------	------	------	------	------
2-MAY-97	5.700E-02	------	29.0	5.700E-02	------	0.111
3-MAY-97	5.700E-02	------	------	------	------	------
4-MAY-97	5.700E-02	------	------	------	------	0.174
5-MAY-97	5.700E-02	------	28.0	------	------	0.146
6-MAY-97	5.700E-02	<0.500	------	------	------	------
7-MAY-97	5.800E-02	------	27.0	------	------	------
8-MAY-97	5.700E-02	------	------	------	------	------
9-MAY-97	5.700E-02	------	27.0	------	------	0.146
10-MAY-97	------	------	------	------	------	------
11-MAY-97	5.700E-02	------	------	5.700E-02	------	------
12-MAY-97	5.700E-02	<0.500	25.0	5.700E-02	------	0.148
13-MAY-97	5.700E-02	------	------	5.700E-02	------	------
14-MAY-97	5.700E-02	------	26.0	5.700E-02	------	0.120
15-MAY-97	5.700E-02	------	------	5.700E-02	------	------
16-MAY-97	5.700E-02	------	25.0	5.700E-02	------	0.128
17-MAY-97	5.700E-02	------	------	5.700E-02	------	------
18-MAY-97	5.700E-02	------	------	------	------	------
19-MAY-97	5.700E-02	------	25.0	------	------	0.131
20-MAY-97	5.700E-02	<0.500	------	------	------	------
21-MAY-97	5.700E-02	------	24.0	------	------	0.152
22-MAY-97	5.700E-02	------	------	------	------	------
23-MAY-97	5.800E-02	------	25.0	------	------	0.158
24-MAY-97	5.700E-02	------	------	------	------	------
25-MAY-97	5.700E-02	------	------	------	------	------
26-MAY-97	5.700E-02	------	28.0	------	------	0.160
27-MAY-97	5.700E-02	<0.500	------	------	------	------
28-MAY-97	5.700E-02	------	27.0	------	------	0.226
29-MAY-97	5.700E-02	------	------	------	------	------
30-MAY-97	5.700E-02	------	28.0	5.700E-02	------	0.257
31-MAY-97	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	24.0	5.700E-02	------	0.111
MAXIMUM	5.800E-02	<0.500	29.0	5.700E-02	------	0.257
AVERAGE	5.707E-02	<0.500	26.5	5.700E-02	------	0.158

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-MAY-97	------	------	------	------	------	------
2-MAY-97	0.408	------	5.340E+04	5.664E+04	29.0	1.01
3-MAY-97	------	------	------	------	------	------
4-MAY-97	0.620	------	5.700E+04	2.028E+04	------	1.99
5-MAY-97	0.122	------	2.850E+04	4.140E+04	------	1.36
6-MAY-97	------	------	------	------	------	------
7-MAY-97	------	------	------	------	------	------
8-MAY-97	------	------	------	------	27.0	------
9-MAY-97	5.400E-02	------	4.740E+04	6.510E+04	27.0	1.28
10-MAY-97	------	------	------	------	------	------
11-MAY-97	------	------	------	------	26.0	------
12-MAY-97	0.195	------	6.540E+04	3.108E+04	25.0	1.35
13-MAY-97	------	------	------	------	26.0	------
14-MAY-97	0.247	------	3.198E+04	2.748E+04	26.0	1.00
15-MAY-97	------	------	------	------	26.0	------
16-MAY-97	0.281	------	2.790E+04	2.970E+04	25.0	1.03
17-MAY-97	------	------	------	------	25.0	------
18-MAY-97	------	------	------	------	24.0	------
19-MAY-97	5.800E-02	------	3.030E+04	3.018E+04	25.0	1.10
20-MAY-97	------	------	------	------	25.0	------
21-MAY-97	4.700E-02	------	3.054E+04	3.594E+04	24.0	1.27
22-MAY-97	------	------	------	------	25.0	------
23-MAY-97	7.800E-02	------	3.630E+04	2.748E+04	25.0	1.31
24-MAY-97	------	------	------	------	25.0	------
25-MAY-97	------	------	------	------	------	------
26-MAY-97	0.526	------	2.790E+04	4.050E+04	------	1.36
27-MAY-97	------	------	------	------	------	------
28-MAY-97	0.557	------	4.080E+04	3.744E+04	27.0	2.22
29-MAY-97	------	------	------	------	------	------
30-MAY-97	0.573	------	3.744E+04	5.940E+04	28.0	2.18
31-MAY-97	------	------	------	------	------	------
MINIMUM	4.700E-02	------	2.790E+04	2.028E+04	24.0	1.00
MAXIMUM	0.620	------	6.540E+04	6.510E+04	29.0	2.22
AVERAGE	0.290	------	3.960E+04	3.866E+04	25.8	1.42

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-JUN-97	5.700E-02	------	------	------	------	------
2-JUN-97	5.700E-02	------	29.0	5.700E-02	------	0.402
3-JUN-97	5.700E-02	------	------	5.700E-02	------	------
4-JUN-97	5.800E-02	------	7.240E+03	5.800E-02	------	------
5-JUN-97	6.700E-02	------	------	------	------	------
6-JUN-97	9.400E-02	------	6.890E+03	------	------	------
7-JUN-97	8.500E-02	------	------	------	------	------
8-JUN-97	6.200E-02	------	------	------	------	------
9-JUN-97	5.900E-02	------	31.0	------	------	------
10-JUN-97	5.900E-02	<0.500	------	------	------	0.605
11-JUN-97	5.800E-02	------	36.0	------	------	0.246
12-JUN-97	5.800E-02	------	------	------	------	0.167
13-JUN-97	5.800E-02	------	29.0	------	------	0.126
14-JUN-97	5.800E-02	------	------	------	------	------
15-JUN-97	5.800E-02	------	------	------	------	------
16-JUN-97	5.800E-02	------	24.0	------	------	0.107
17-JUN-97	5.800E-02	------	------	------	------	------
18-JUN-97	5.800E-02	------	26.0	------	------	0.123
19-JUN-97	5.700E-02	<0.500	------	5.700E-02	------	------
20-JUN-97	5.800E-02	------	27.0	5.800E-02	------	0.146
21-JUN-97	5.800E-02	------	------	5.800E-02	------	------
22-JUN-97	5.800E-02	------	------	5.800E-02	------	------
23-JUN-97	5.800E-02	------	25.0	------	------	0.162
24-JUN-97	5.800E-02	<0.500	26.0	------	------	------
25-JUN-97	5.800E-02	------	26.0	------	------	0.184
26-JUN-97	5.800E-02	------	------	------	------	------
27-JUN-97	5.800E-02	------	26.0	------	------	0.200
28-JUN-97	5.700E-02	------	------	5.700E-02	------	------
29-JUN-97	5.700E-02	------	------	------	------	------
30-JUN-97	5.700E-02	<0.500	25.0	5.700E-02	------	0.181
MINIMUM	5.700E-02	<0.500	24.0	5.700E-02	------	0.107
MAXIMUM	9.400E-02	<0.500	7.240E+03	5.800E-02	------	0.605
AVERAGE	6.037E-02	<0.500	1.033E+03	5.744E-02	------	0.221

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-JUN-97	------	------	------	------	------	------
2-JUN-97	0.686	------	5.970E+04	600.	29.0	4.06
3-JUN-97	------	------	------	------	------	------
4-JUN-97	------	------	------	------	7.650E+03	------
5-JUN-97	------	------	------	------	6.880E+03	------
6-JUN-97	------	------	------	------	------	------
7-JUN-97	------	------	------	------	------	------
8-JUN-97	------	------	------	------	------	------
9-JUN-97	------	------	------	------	31.0	------
10-JUN-97	0.188	------	5.700E+03	4.320E+04	30.0	10.9
11-JUN-97	0.207	------	4.380E+04	5.130E+04	------	3.23
12-JUN-97	0.180	------	5.190E+04	5.190E+04	------	2.09
13-JUN-97	6.900E-02	------	5.220E+04	5.940E+04	------	1.33
14-JUN-97	------	------	------	------	------	------
15-JUN-97	------	------	------	------	------	------
16-JUN-97	4.400E-02	------	5.970E+04	2.820E+04	------	1.00
17-JUN-97	------	------	------	------	26.0	------
18-JUN-97	3.800E-02	------	2.922E+04	2.910E+04	------	0.989
19-JUN-97	------	------	------	------	25.0	------
20-JUN-97	6.100E-02	------	2.952E+04	2.820E+04	27.0	1.11
21-JUN-97	------	------	------	------	26.0	------
22-JUN-97	------	------	------	------	25.0	------
23-JUN-97	0.317	------	2.880E+04	5.580E+04	------	1.19
24-JUN-97	------	------	------	------	------	------
25-JUN-97	0.373	------	5.610E+04	3.900E+04	26.0	1.46
26-JUN-97	------	------	------	------	------	------
27-JUN-97	0.454	------	3.942E+04	3.060E+04	------	1.54
28-JUN-97	------	------	------	------	25.0	------
29-JUN-97	------	------	------	------	------	------
30-JUN-97	0.369	------	3.120E+04	3.120E+04	25.0	1.52
MINIMUM	3.800E-02	------	5.700E+03	600.	25.0	0.989
MAXIMUM	0.686	------	5.970E+04	5.940E+04	7.650E+03	10.9
AVERAGE	0.249	------	4.061E+04	3.738E+04	1.140E+03	2.54

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-JUL-97	5.700E-02	------	------	------	------	------
2-JUL-97	5.800E-02	------	27.0	5.800E-02	------	0.184
3-JUL-97	5.800E-02	------	------	5.800E-02	------	------
4-JUL-97	5.700E-02	------	26.0	5.700E-02	------	0.180
5-JUL-97	5.750E-02	------	25.9	5.750E-02	------	------
6-JUL-97	5.700E-02	------	------	5.700E-02	------	------
7-JUL-97	5.700E-02	------	22.0	5.700E-02	------	0.198
8-JUL-97	5.700E-02	<0.500	------	5.700E-02	------	------
9-JUL-97	5.800E-02	------	27.0	5.800E-02	------	0.103
10-JUL-97	5.800E-02	------	------	------	------	------
11-JUL-97	5.800E-02	------	26.0	------	------	0.178
12-JUL-97	5.700E-02	------	25.0	5.700E-02	------	------
13-JUL-97	5.800E-02	------	------	------	------	------
14-JUL-97	5.800E-02	------	24.0	------	------	0.195
15-JUL-97	5.800E-02	<0.500	------	------	------	------
16-JUL-97	5.800E-02	------	25.0	------	------	0.208
17-JUL-97	5.700E-02	------	26.0	5.700E-02	------	------
18-JUL-97	5.800E-02	------	26.0	5.700E-02	------	0.205
19-JUL-97	5.700E-02	------	34.7	5.400E-02	------	------
20-JUL-97	5.700E-02	------	37.0	------	------	------
21-JUL-97	5.800E-02	<0.500	27.6	------	------	0.263
22-JUL-97	5.800E-02	------	33.0	5.800E-02	------	------
23-JUL-97	5.700E-02	------	28.0	------	------	0.250
24-JUL-97	5.700E-02	------	------	------	------	------
25-JUL-97	5.700E-02	------	29.0	------	------	0.224
26-JUL-97	5.700E-02	------	28.0	5.500E-02	------	------
27-JUL-97	5.800E-02	------	------	------	------	------
28-JUL-97	5.700E-02	------	28.0	------	------	0.229
29-JUL-97	5.700E-02	------	------	------	------	------
30-JUL-97	5.700E-02	------	28.0	------	------	0.219
31-JUL-97	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	22.0	5.400E-02	------	0.103
MAXIMUM	5.800E-02	<0.500	37.0	5.800E-02	------	0.263
AVERAGE	5.744E-02	<0.500	27.7	5.696E-02	------	0.203

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-JUL-97	------	------	------	------	27.0	------
2-JUL-97	0.453	------	3.156E+04	3.060E+04	27.0	1.48
3-JUL-97	------	------	------	------	25.0	------
4-JUL-97	0.385	------	3.120E+04	3.822E+04	26.0	1.53
5-JUL-97	------	------	------	------	27.0	------
6-JUL-97	------	------	------	------	25.0	------
7-JUL-97	0.480	------	3.900E+04	2.664E+04	22.0	1.90
8-JUL-97	------	------	------	------	26.0	------
9-JUL-97	0.289	------	2.718E+04	3.000E+04	27.0	1.05
10-JUL-97	------	------	------	------	------	------
11-JUL-97	0.671	------	3.060E+04	3.078E+04	26.0	1.63
12-JUL-97	------	------	------	------	30.0	------
13-JUL-97	------	------	------	------	------	------
14-JUL-97	0.414	------	3.126E+04	3.720E+04	------	1.78
15-JUL-97	------	------	------	------	------	------
16-JUL-97	6.400E-02	------	3.762E+04	2.760E+04	------	2.21
17-JUL-97	------	------	------	------	------	------
18-JUL-97	3.400E-02	------	2.760E+04	2.850E+04	------	1.94
19-JUL-97	------	------	------	------	35.0	------
20-JUL-97	------	------	------	------	30.0	------
21-JUL-97	0.101	------	2.880E+04	3.120E+04	------	2.90
22-JUL-97	------	------	------	------	------	------
23-JUL-97	0.386	------	3.198E+04	2.610E+04	------	2.41
24-JUL-97	------	------	------	------	------	------
25-JUL-97	0.467	------	2.640E+04	2.616E+04	------	2.20
26-JUL-97	------	------	------	------	35.0	------
27-JUL-97	------	------	------	------	------	------
28-JUL-97	0.400	------	2.658E+04	3.810E+04	------	1.76
29-JUL-97	------	------	------	------	------	------
30-JUL-97	0.444	------	3.828E+04	2.910E+04	------	2.09
31-JUL-97	------	------	------	------	------	------
MINIMUM	3.400E-02	------	2.640E+04	2.610E+04	22.0	1.05
MAXIMUM	0.671	------	3.900E+04	3.822E+04	35.0	2.90
AVERAGE	0.353	------	3.139E+04	3.078E+04	27.7	1.91

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-AUG-97	5.700E-02	------	27.0	------	------	0.217
2-AUG-97	5.700E-02	------	------	------	------	------
3-AUG-97	5.700E-02	------	------	------	------	------
4-AUG-97	5.700E-02	------	27.0	------	------	0.275
5-AUG-97	------	<0.500	------	------	------	------
6-AUG-97	5.700E-02	------	8.000E+03	5.400E-02	------	------
7-AUG-97	5.800E-02	------	------	5.800E-02	------	------
8-AUG-97	7.200E-02	------	7.450E+03	7.200E-02	------	------
9-AUG-97	------	------	------	------	------	------
10-AUG-97	5.800E-02	------	------	------	------	------
11-AUG-97	5.800E-02	<0.500	34.0	------	------	0.280
12-AUG-97	5.900E-02	------	------	5.900E-02	------	0.181
13-AUG-97	3.933E-02	------	29.0	5.900E-02	------	0.160
14-AUG-97	5.800E-02	------	------	------	------	------
15-AUG-97	5.800E-02	------	28.0	------	------	0.200
16-AUG-97	5.800E-02	------	------	------	------	------
17-AUG-97	5.800E-02	------	------	------	------	------
18-AUG-97	5.800E-02	------	27.0	------	------	0.209
19-AUG-97	5.800E-02	<0.500	------	------	------	------
20-AUG-97	5.800E-02	------	29.0	------	------	0.204
21-AUG-97	5.700E-02	------	------	5.700E-02	------	------
22-AUG-97	5.700E-02	------	27.0	5.700E-02	------	0.223
23-AUG-97	5.800E-02	------	------	------	------	------
24-AUG-97	5.700E-02	------	------	------	------	------
25-AUG-97	5.700E-02	------	26.7	------	------	0.238
26-AUG-97	5.800E-02	<0.500	------	5.800E-02	------	------
27-AUG-97	5.800E-02	------	30.1	------	------	0.216
28-AUG-97	------	------	------	5.800E-02	------	------
29-AUG-97	5.700E-02	------	28.0	5.700E-02	------	0.206
30-AUG-97	5.700E-02	------	27.3	5.700E-02	------	------
31-AUG-97	------	------	------	------	------	------
MINIMUM	3.933E-02	<0.500	26.7	5.400E-02	------	0.160
MAXIMUM	7.200E-02	<0.500	8.000E+03	7.200E-02	------	0.280
AVERAGE	5.746E-02	<0.500	1.128E+03	5.873E-02	------	0.217

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-AUG-97	0.360	------	2.940E+04	2.880E+04	------	2.06
2-AUG-97	------	------	------	------	------	------
3-AUG-97	------	------	------	------	------	------
4-AUG-97	0.573	------	2.910E+04	2.610E+04	------	3.25
5-AUG-97	------	------	------	------	------	------
6-AUG-97	------	------	------	------	8.000E+03	------
7-AUG-97	------	------	------	------	8.110E+03	------
8-AUG-97	------	------	------	------	7.450E+03	------
9-AUG-97	------	------	------	------	------	------
10-AUG-97	------	------	------	------	------	------
11-AUG-97	0.140	------	3.030E+04	3.120E+04	------	6.56
12-AUG-97	5.500E-02	------	3.150E+04	5.550E+04	25.0	2.04
13-AUG-97	5.600E-02	------	5.610E+04	5.700E+04	29.0	1.32
14-AUG-97	------	------	------	------	------	------
15-AUG-97	0.470	------	5.730E+04	3.060E+04	------	1.72
16-AUG-97	------	------	------	------	------	------
17-AUG-97	------	------	------	------	------	------
18-AUG-97	0.368	------	3.120E+04	2.760E+04	------	1.62
19-AUG-97	------	------	------	------	------	------
20-AUG-97	0.303	------	2.820E+04	4.650E+04	------	1.61
21-AUG-97	------	------	------	------	28.0	------
22-AUG-97	0.555	------	4.680E+04	4.770E+04	27.0	1.87
23-AUG-97	------	------	------	------	28.0	------
24-AUG-97	------	------	------	------	27.0	------
25-AUG-97	0.678	------	4.800E+04	3.060E+04	------	2.06
26-AUG-97	------	------	------	------	28.0	------
27-AUG-97	0.545	------	3.060E+04	2.790E+04	------	1.98
28-AUG-97	------	------	------	------	29.0	------
29-AUG-97	0.567	------	2.820E+04	2.850E+04	28.0	1.99
30-AUG-97	------	------	------	------	29.0	------
31-AUG-97	------	------	------	------	------	------
MINIMUM	5.500E-02	------	2.820E+04	2.610E+04	25.0	1.32
MAXIMUM	0.678	------	5.730E+04	5.700E+04	8.110E+03	6.56
AVERAGE	0.389	------	3.723E+04	3.650E+04	1.834E+03	2.34

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-SEP-97	5.800E-02	------	29.0	------	------	0.202
2-SEP-97	5.700E-02	<0.500	------	------	------	------
3-SEP-97	5.700E-02	------	28.0	------	------	0.209
4-SEP-97	5.700E-02	------	------	------	------	------
5-SEP-97	5.700E-02	------	28.0	------	------	0.234
6-SEP-97	5.700E-02	------	------	------	------	------
7-SEP-97	5.700E-02	------	------	------	------	0.234
8-SEP-97	5.700E-02	------	27.0	5.700E-02	------	------
9-SEP-97	5.700E-02	<0.500	------	------	------	------
10-SEP-97	5.700E-02	------	28.0	5.700E-02	------	0.265
11-SEP-97	5.800E-02	------	------	5.800E-02	------	------
12-SEP-97	5.700E-02	------	26.3	------	------	0.223
13-SEP-97	5.700E-02	------	27.0	5.700E-02	------	------
14-SEP-97	5.700E-02	------	------	5.700E-02	------	------
15-SEP-97	5.700E-02	------	27.0	5.700E-02	------	8.100E-02
16-SEP-97	5.800E-02	<0.500	------	5.800E-02	------	------
17-SEP-97	5.750E-02	------	27.0	5.800E-02	------	0.193
18-SEP-97	5.700E-02	------	------	------	------	------
19-SEP-97	5.700E-02	------	27.0	------	------	0.192
20-SEP-97	5.700E-02	------	------	------	------	------
21-SEP-97	5.700E-02	------	------	------	------	------
22-SEP-97	5.800E-02	------	26.0	------	------	0.206
23-SEP-97	5.700E-02	<0.500	------	------	------	------
24-SEP-97	5.700E-02	------	33.0	------	------	0.225
25-SEP-97	5.800E-02	------	------	------	------	------
26-SEP-97	5.800E-02	------	30.0	5.800E-02	------	0.260
27-SEP-97	5.700E-02	------	------	------	------	------
28-SEP-97	------	------	------	------	------	------
29-SEP-97	5.700E-02	------	29.0	5.700E-02	------	0.239
30-SEP-97	5.700E-02	<0.500	------	5.700E-02	------	------
MINIMUM	5.700E-02	<0.500	26.0	5.700E-02	------	8.100E-02
MAXIMUM	5.800E-02	<0.500	33.0	5.800E-02	------	0.265
AVERAGE	5.722E-02	<0.500	28.0	5.736E-02	------	0.213

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-SEP-97	0.499	------	2.910E+04	4.080E+04	------	1.90
2-SEP-97	------	------	------	------	27.0	------
3-SEP-97	0.483	------	4.140E+04	3.180E+04	------	2.20
4-SEP-97	------	------	------	------	------	------
5-SEP-97	0.516	------	3.240E+04	3.018E+04	------	2.41
6-SEP-97	------	------	------	------	------	------
7-SEP-97	0.544	------	3.060E+04	1.440E+04	------	2.24
8-SEP-97	------	------	------	------	27.0	------
9-SEP-97	------	------	------	------	30.0	------
10-SEP-97	0.502	------	1.440E+04	3.648E+04	38.0	3.32
11-SEP-97	------	------	------	------	26.0	------
12-SEP-97	0.243	------	3.708E+04	4.536E+04	------	2.56
13-SEP-97	------	------	------	------	28.5	------
14-SEP-97	------	------	------	------	27.0	------
15-SEP-97	0.279	------	4.590E+04	2.940E+04	27.0	1.61
16-SEP-97	------	------	------	------	25.0	------
17-SEP-97	0.411	------	2.982E+04	4.536E+04	27.0	2.09
18-SEP-97	------	------	------	------	------	------
19-SEP-97	0.470	------	4.596E+04	3.090E+04	------	1.87
20-SEP-97	------	------	------	------	------	------
21-SEP-97	------	------	------	------	------	------
22-SEP-97	0.425	------	3.120E+04	2.790E+04	------	2.28
23-SEP-97	------	------	------	------	------	------
24-SEP-97	0.452	------	2.820E+04	6.348E+04	------	2.53
25-SEP-97	------	------	------	------	44.0	------
26-SEP-97	0.538	------	6.366E+04	3.000E+04	30.0	2.91
27-SEP-97	------	------	------	------	29.0	------
28-SEP-97	------	------	------	------	------	------
29-SEP-97	0.502	------	3.012E+04	2.958E+04	29.0	2.59
30-SEP-97	------	------	------	------	28.0	------
MINIMUM	0.243	------	1.440E+04	1.440E+04	25.0	1.61
MAXIMUM	0.544	------	6.366E+04	6.348E+04	44.0	3.32
AVERAGE	0.451	------	3.537E+04	3.505E+04	29.5	2.35

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-OCT-97	5.700E-02	------	31.0	5.700E-02	------	0.208
2-OCT-97	5.700E-02	------	------	5.700E-02	------	0.244
3-OCT-97	5.700E-02	------	27.0	5.700E-02	------	------
4-OCT-97	------	------	------	5.700E-02	------	------
5-OCT-97	5.700E-02	------	------	------	------	------
6-OCT-97	5.700E-02	------	28.0	------	------	0.231
7-OCT-97	5.800E-02	------	------	------	------	------
8-OCT-97	5.700E-02	------	28.0	------	------	0.222
9-OCT-97	5.700E-02	------	------	------	------	------
10-OCT-97	5.700E-02	------	28.0	------	------	0.226
11-OCT-97	5.700E-02	------	------	------	------	------
12-OCT-97	5.700E-02	------	------	------	------	0.254
13-OCT-97	5.700E-02	------	30.0	5.700E-02	------	------
14-OCT-97	5.700E-02	<0.500	------	------	------	0.265
15-OCT-97	5.700E-02	------	32.0	5.700E-02	------	------
16-OCT-97	5.700E-02	------	------	------	------	------
17-OCT-97	5.700E-02	------	28.1	5.700E-02	------	0.269
18-OCT-97	5.700E-02	------	26.5	5.600E-02	------	------
19-OCT-97	5.700E-02	------	------	5.700E-02	------	0.304
20-OCT-97	5.700E-02	------	28.0	5.700E-02	------	0.315
21-OCT-97	5.800E-02	<0.500	------	5.800E-02	------	------
22-OCT-97	5.700E-02	------	27.0	5.700E-02	------	0.270
23-OCT-97	5.700E-02	------	------	------	------	------
24-OCT-97	5.700E-02	------	27.0	------	------	0.302
25-OCT-97	5.700E-02	------	------	------	------	------
26-OCT-97	5.700E-02	------	------	------	------	------
27-OCT-97	5.700E-02	------	26.0	------	------	0.276
28-OCT-97	5.700E-02	<0.500	------	------	------	------
29-OCT-97	5.700E-02	------	27.0	------	------	0.259
30-OCT-97	5.800E-02	------	------	------	------	------
31-OCT-97	5.700E-02	------	26.0	5.700E-02	------	0.242
MINIMUM	5.700E-02	<0.500	26.0	5.600E-02	------	0.208
MAXIMUM	5.800E-02	<0.500	32.0	5.800E-02	------	0.315
AVERAGE	5.710E-02	<0.500	28.0	5.700E-02	------	0.259

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-OCT-97	0.332	------	3.000E+04	2.970E+04	31.0	2.17
2-OCT-97	0.185	------	3.012E+04	3.360E+04	27.0	2.58
3-OCT-97	------	------	------	------	27.0	------
4-OCT-97	------	------	------	------	25.7	------
5-OCT-97	------	------	------	------	31.0	------
6-OCT-97	0.407	------	3.408E+04	3.180E+04	------	2.48
7-OCT-97	------	------	------	------	------	------
8-OCT-97	0.494	------	3.210E+04	2.820E+04	------	2.34
9-OCT-97	------	------	------	------	------	------
10-OCT-97	0.502	------	2.880E+04	2.640E+04	------	2.25
11-OCT-97	------	------	------	------	------	------
12-OCT-97	0.574	------	2.670E+04	7.920E+04	------	2.69
13-OCT-97	------	------	------	------	30.0	------
14-OCT-97	0.512	------	7.980E+04	7.350E+04	------	2.63
15-OCT-97	------	------	------	------	32.0	------
16-OCT-97	------	------	------	------	------	------
17-OCT-97	0.507	------	7.410E+04	2.868E+04	28.1	2.70
18-OCT-97	------	------	------	------	------	------
19-OCT-97	0.798	------	2.928E+04	2.580E+04	27.0	3.14
20-OCT-97	0.695	------	2.628E+04	3.348E+04	28.0	3.22
21-OCT-97	------	------	------	------	28.0	------
22-OCT-97	0.400	------	3.054E+04	2.910E+04	27.0	2.80
23-OCT-97	------	------	------	------	------	------
24-OCT-97	0.463	------	2.940E+04	2.700E+04	------	3.32
25-OCT-97	------	------	------	------	------	------
26-OCT-97	------	------	------	------	------	------
27-OCT-97	0.455	------	2.730E+04	2.760E+04	------	2.94
28-OCT-97	------	------	------	------	------	------
29-OCT-97	0.485	------	2.820E+04	4.110E+04	------	2.64
30-OCT-97	------	------	------	------	27.0	------
31-OCT-97	0.458	------	4.128E+04	8.280E+04	26.0	2.38
MINIMUM	0.185	------	2.628E+04	2.580E+04	25.7	2.17
MAXIMUM	0.798	------	7.980E+04	8.280E+04	32.0	3.32
AVERAGE	0.484	------	3.653E+04	3.986E+04	28.2	2.68

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-NOV-97	5.700E-02	------	------	------	------	0.378
2-NOV-97	5.700E-02	------	------	5.700E-02	------	------
3-NOV-97	5.750E-02	------	25.0	5.700E-02	------	0.247
4-NOV-97	5.700E-02	<0.500	------	5.700E-02	------	------
5-NOV-97	5.700E-02	------	30.0	5.700E-02	------	0.312
6-NOV-97	5.700E-02	------	------	5.700E-02	------	------
7-NOV-97	5.800E-02	------	------	5.800E-02	------	------
8-NOV-97	5.800E-02	------	------	5.800E-02	------	------
9-NOV-97	6.200E-02	------	------	6.200E-02	------	------
10-NOV-97	6.700E-02	------	7.600E+03	6.700E-02	------	------
11-NOV-97	6.500E-02	<0.500	------	------	------	------
12-NOV-97	5.700E-02	------	27.0	5.700E-02	------	------
13-NOV-97	5.700E-02	------	------	------	------	0.397
14-NOV-97	5.700E-02	------	32.0	------	------	0.188
15-NOV-97	5.700E-02	------	------	------	------	0.191
16-NOV-97	5.700E-02	------	------	------	------	0.164
17-NOV-97	5.700E-02	------	31.0	5.700E-02	------	0.235
18-NOV-97	5.800E-02	<0.500	------	5.800E-02	------	------
19-NOV-97	5.700E-02	------	33.0	5.700E-02	------	0.229
20-NOV-97	5.700E-02	------	------	------	------	------
21-NOV-97	5.700E-02	------	38.0	------	------	------
22-NOV-97	5.700E-02	------	33.3	5.600E-02	------	0.192
23-NOV-97	5.700E-02	------	32.0	------	------	------
24-NOV-97	------	------	------	5.700E-02	------	0.249
25-NOV-97	5.700E-02	<0.500	------	5.700E-02	------	------
26-NOV-97	5.700E-02	------	31.0	5.700E-02	------	0.193
27-NOV-97	5.700E-02	------	------	------	------	------
28-NOV-97	5.700E-02	------	43.0	------	------	0.214
29-NOV-97	5.700E-02	------	39.0	5.500E-02	------	------
30-NOV-97	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	25.0	5.500E-02	------	0.164
MAXIMUM	6.700E-02	<0.500	7.600E+03	6.700E-02	------	0.397
AVERAGE	5.791E-02	<0.500	615.	5.783E-02	------	0.245

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

DATE	174 ppb	182	196	197	205 ppb	209
1-NOV-97	0.695	------	8.316E+04	3.366E+04	27.0	4.93
2-NOV-97	------	------	------	------	25.0	------
3-NOV-97	0.333	------	3.384E+04	3.192E+04	25.0	3.31
4-NOV-97	------	------	------	------	26.0	------
5-NOV-97	0.328	------	2.772E+04	4.230E+04	30.0	3.96
6-NOV-97	------	------	------	------	98.0	------
7-NOV-97	------	------	------	------	3.000E+03	------
8-NOV-97	------	------	------	------	3.000E+03	------
9-NOV-97	------	------	------	------	6.000E+03	------
10-NOV-97	------	------	------	------	7.600E+03	------
11-NOV-97	------	------	------	------	------	------
12-NOV-97	------	------	------	------	25.0	------
13-NOV-97	9.500E-02	------	1.356E+04	4.650E+04	------	9.22
14-NOV-97	4.700E-02	------	4.686E+04	4.944E+04	------	2.65
15-NOV-97	3.800E-02	------	5.016E+04	6.030E+04	------	1.88
16-NOV-97	7.500E-02	------	6.060E+04	6.090E+04	35.0	2.74
17-NOV-97	6.600E-02	------	6.120E+04	7.050E+04	35.0	2.10
18-NOV-97	------	------	------	------	32.0	------
19-NOV-97	4.600E-02	------	7.110E+04	3.012E+04	33.0	2.02
20-NOV-97	------	------	------	------	37.0	------
21-NOV-97	------	------	------	------	------	------
22-NOV-97	4.800E-02	------	3.072E+04	5.658E+04	33.5	1.79
23-NOV-97	------	------	------	------	35.0	------
24-NOV-97	0.310	------	5.718E+04	2.592E+04	32.0	2.26
25-NOV-97	------	------	------	------	32.0	------
26-NOV-97	0.270	------	3.588E+04	3.162E+04	31.0	2.05
27-NOV-97	------	------	------	------	------	------
28-NOV-97	0.322	------	3.270E+04	2.760E+04	------	1.97
29-NOV-97	------	------	------	------	35.0	------
30-NOV-97	------	------	------	------	------	------
MINIMUM	3.800E-02	------	1.356E+04	2.592E+04	25.0	1.79
MAXIMUM	0.695	------	8.316E+04	7.050E+04	7.600E+03	9.22
AVERAGE	0.206	------	4.651E+04	4.364E+04	919.	3.14

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-DEC-97	5.700E-02	------	36.3	------	------	0.221
2-DEC-97	5.700E-02	<0.500	------	------	------	------
3-DEC-97	5.700E-02	------	34.6	------	------	0.242
4-DEC-97	5.700E-02	------	------	5.700E-02	------	------
5-DEC-97	5.700E-02	------	34.0	5.700E-02	------	0.245
6-DEC-97	5.700E-02	------	------	5.700E-02	------	------
7-DEC-97	------	------	------	------	------	------
8-DEC-97	5.700E-02	------	38.0	5.700E-02	------	0.258
9-DEC-97	5.700E-02	<0.500	------	5.700E-02	------	------
10-DEC-97	5.700E-02	------	42.6	------	------	0.256
11-DEC-97	5.700E-02	------	------	5.700E-02	------	------
12-DEC-97	5.700E-02	------	------	5.700E-02	------	0.270
13-DEC-97	5.700E-02	------	30.8	------	------	------
14-DEC-97	5.700E-02	------	------	5.700E-02	------	------
15-DEC-97	5.700E-02	------	32.0	------	------	0.114
16-DEC-97	------	------	------	5.700E-02	------	------
17-DEC-97	5.700E-02	<0.500	------	------	------	0.280
18-DEC-97	5.700E-02	------	32.0	------	------	------
19-DEC-97	5.700E-02	------	------	------	------	0.266
20-DEC-97	5.700E-02	------	------	------	------	------
21-DEC-97	5.700E-02	------	------	------	------	------
22-DEC-97	5.700E-02	<0.500	35.0	5.700E-02	------	0.288
23-DEC-97	5.700E-02	------	------	5.700E-02	------	------
24-DEC-97	5.700E-02	------	33.0	5.700E-02	------	0.289
25-DEC-97	5.700E-02	------	------	------	------	------
26-DEC-97	5.700E-02	------	31.0	5.700E-02	------	0.255
27-DEC-97	5.700E-02	------	32.3	5.650E-02	------	------
28-DEC-97	5.700E-02	------	------	------	------	------
29-DEC-97	5.700E-02	------	31.0	5.700E-02	------	0.276
30-DEC-97	5.700E-02	<0.500	------	5.700E-02	------	------
31-DEC-97	5.700E-02	------	33.0	5.700E-02	------	0.275
MINIMUM	5.700E-02	<0.500	30.8	5.650E-02	------	0.114
MAXIMUM	5.700E-02	<0.500	42.6	5.700E-02	------	0.289
AVERAGE	5.700E-02	<0.500	34.0	5.697E-02	------	0.253

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-DEC-97	0.329	------	2.760E+04	3.840E+04	------	2.09
2-DEC-97	------	------	------	------	------	------
3-DEC-97	0.412	------	3.900E+04	6.030E+04	------	2.41
4-DEC-97	------	------	------	------	33.0	------
5-DEC-97	0.455	------	6.048E+04	4.590E+04	34.0	2.36
6-DEC-97	------	------	------	------	33.0	------
7-DEC-97	------	------	------	------	------	------
8-DEC-97	0.493	------	4.608E+04	3.018E+04	38.0	2.46
9-DEC-97	------	------	------	------	40.0	------
10-DEC-97	0.479	------	3.084E+04	3.750E+04	------	2.60
11-DEC-97	------	------	------	------	36.0	------
12-DEC-97	0.465	------	3.900E+04	2.700E+04	32.0	2.59
13-DEC-97	------	------	------	------	30.0	------
14-DEC-97	------	------	------	------	36.0	------
15-DEC-97	0.214	------	2.760E+04	3.660E+04	------	1.84
16-DEC-97	------	------	------	------	32.0	------
17-DEC-97	0.487	------	3.690E+04	3.486E+04	32.0	2.61
18-DEC-97	------	------	------	------	32.0	------
19-DEC-97	0.504	------	3.522E+04	4.254E+04	------	2.58
20-DEC-97	------	------	------	------	------	------
21-DEC-97	------	------	------	------	------	------
22-DEC-97	0.513	------	4.266E+04	2.940E+04	35.0	2.81
23-DEC-97	------	------	------	------	34.0	------
24-DEC-97	0.511	------	2.970E+04	2.988E+04	33.0	2.82
25-DEC-97	------	------	------	------	34.0	------
26-DEC-97	0.455	------	3.036E+04	3.816E+04	31.0	2.46
27-DEC-97	------	------	------	------	31.0	------
28-DEC-97	------	------	------	------	------	------
29-DEC-97	0.480	------	3.840E+04	2.760E+04	31.0	2.76
30-DEC-97	------	------	------	------	33.0	------
31-DEC-97	0.481	------	2.820E+04	1.440E+04	33.0	2.71
MINIMUM	0.214	------	2.760E+04	1.440E+04	30.0	1.84
MAXIMUM	0.513	------	6.048E+04	6.030E+04	40.0	2.82
AVERAGE	0.448	------	3.657E+04	3.519E+04	33.5	2.51

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-JAN-98	5.700E-02	------	------	------	------	------
2-JAN-98	5.700E-02	------	33.0	------	------	0.382
3-JAN-98	5.700E-02	------	------	------	------	------
4-JAN-98	5.700E-02	------	------	------	------	------
5-JAN-98	5.700E-02	<0.500	32.0	------	------	0.280
6-JAN-98	5.700E-02	------	------	------	------	------
7-JAN-98	5.700E-02	------	32.0	------	------	0.265
8-JAN-98	5.700E-02	------	------	5.700E-02	------	------
9-JAN-98	5.700E-02	------	31.0	5.700E-02	------	0.401
10-JAN-98	5.700E-02	------	------	5.700E-02	------	0.327
11-JAN-98	------	------	------	------	------	------
12-JAN-98	5.700E-02	<0.500	30.0	------	------	0.299
13-JAN-98	5.700E-02	------	------	5.700E-02	------	------
14-JAN-98	5.700E-02	------	30.0	------	------	0.287
15-JAN-98	5.700E-02	------	------	5.700E-02	------	------
16-JAN-98	5.700E-02	------	30.0	5.700E-02	------	0.300
17-JAN-98	5.700E-02	------	32.1	5.700E-02	------	------
18-JAN-98	5.700E-02	------	------	5.700E-02	------	------
19-JAN-98	5.700E-02	------	39.0	------	------	0.270
20-JAN-98	------	------	------	------	------	------
21-JAN-98	5.700E-02	<0.500	32.0	------	------	0.226
22-JAN-98	5.700E-02	------	------	------	------	------
23-JAN-98	5.700E-02	------	29.0	------	------	0.253
24-JAN-98	5.700E-02	------	------	------	------	------
25-JAN-98	5.700E-02	------	------	------	------	------
26-JAN-98	5.700E-02	------	30.0	5.700E-02	------	0.389
27-JAN-98	5.650E-02	<0.500	39.0	5.700E-02	------	------
28-JAN-98	5.700E-02	------	39.0	5.700E-02	------	0.383
29-JAN-98	5.700E-02	------	------	5.700E-02	------	------
30-JAN-98	5.700E-02	------	25.0	5.700E-02	------	0.246
31-JAN-98	5.600E-02	------	------	5.700E-02	------	------
MINIMUM	5.600E-02	<0.500	25.0	5.700E-02	------	0.226
MAXIMUM	5.700E-02	<0.500	39.0	5.700E-02	------	0.401
AVERAGE	5.695E-02	<0.500	32.2	5.700E-02	------	0.308

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-JAN-98	------	------	------	------	------	------
2-JAN-98	0.503	------	1.500E+04	3.570E+04	------	4.01
3-JAN-98	------	------	------	------	------	------
4-JAN-98	------	------	------	------	------	------
5-JAN-98	0.530	------	3.618E+04	3.090E+04	------	2.75
6-JAN-98	------	------	------	------	------	------
7-JAN-98	0.509	------	3.126E+04	3.054E+04	------	2.70
8-JAN-98	------	------	------	------	26.0	------
9-JAN-98	0.433	------	3.090E+04	4.740E+04	31.0	4.86
10-JAN-98	0.599	------	4.770E+04	5.514E+04	30.0	3.29
11-JAN-98	------	------	------	------	------	------
12-JAN-98	0.511	------	5.568E+04	2.832E+04	------	3.01
13-JAN-98	------	------	------	------	32.0	------
14-JAN-98	0.514	------	2.886E+04	3.750E+04	------	2.84
15-JAN-98	------	------	------	------	30.0	------
16-JAN-98	0.528	------	3.750E+04	2.790E+04	30.0	2.99
17-JAN-98	------	------	------	------	31.5	------
18-JAN-98	------	------	------	------	30.0	------
19-JAN-98	0.547	------	2.850E+04	2.730E+04	------	2.65
20-JAN-98	------	------	------	------	------	------
21-JAN-98	0.484	------	2.760E+04	3.840E+04	32.0	2.17
22-JAN-98	------	------	------	------	------	------
23-JAN-98	0.572	------	3.870E+04	3.492E+04	------	2.47
24-JAN-98	------	------	------	------	26.1	------
25-JAN-98	------	------	------	------	------	------
26-JAN-98	0.213	------	3.534E+04	6.150E+04	30.0	4.04
27-JAN-98	------	------	------	------	36.0	------
28-JAN-98	0.308	------	6.180E+04	4.680E+04	39.0	4.52
29-JAN-98	------	------	------	------	26.0	------
30-JAN-98	0.549	------	4.710E+04	3.750E+04	25.0	2.66
31-JAN-98	------	------	------	------	25.0	------
MINIMUM	0.213	------	1.500E+04	2.730E+04	25.0	2.17
MAXIMUM	0.599	------	6.180E+04	6.150E+04	39.0	4.86
AVERAGE	0.486	------	3.729E+04	3.856E+04	30.0	3.21

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-FEB-98	5.700E-02	------	------	5.700E-02	------	------
2-FEB-98	5.700E-02	------	25.0	5.700E-02	------	0.229
3-FEB-98	5.700E-02	------	------	5.700E-02	------	------
4-FEB-98	5.700E-02	------	30.0	5.700E-02	------	0.233
5-FEB-98	5.700E-02	------	------	5.700E-02	------	------
6-FEB-98	5.700E-02	------	31.0	------	------	0.241
7-FEB-98	5.700E-02	------	------	------	------	------
8-FEB-98	5.700E-02	------	------	------	------	------
9-FEB-98	5.700E-02	------	29.0	------	------	0.232
10-FEB-98	5.700E-02	<0.500	------	------	------	------
11-FEB-98	5.700E-02	------	29.0	------	------	0.210
12-FEB-98	5.700E-02	------	------	5.700E-02	------	------
13-FEB-98	5.700E-02	------	28.0	5.700E-02	------	0.208
14-FEB-98	5.700E-02	------	------	5.700E-02	------	------
15-FEB-98	5.700E-02	------	------	5.700E-02	------	------
16-FEB-98	5.700E-02	------	29.0	5.700E-02	------	0.286
17-FEB-98	5.700E-02	<0.500	------	5.700E-02	------	------
18-FEB-98	5.700E-02	------	34.0	5.700E-02	------	0.249
19-FEB-98	5.700E-02	------	------	5.700E-02	------	------
20-FEB-98	5.700E-02	------	31.4	5.700E-02	------	0.249
21-FEB-98	5.700E-02	------	------	5.700E-02	------	------
22-FEB-98	5.700E-02	<0.500	------	5.700E-02	------	------
23-FEB-98	5.700E-02	------	31.0	------	------	0.248
24-FEB-98	5.700E-02	------	------	------	------	------
25-FEB-98	5.700E-02	------	29.0	------	------	------
26-FEB-98	5.700E-02	------	------	------	------	------
27-FEB-98	5.700E-02	------	36.0	------	------	0.253
28-FEB-98	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	25.0	5.700E-02	------	0.208
MAXIMUM	5.700E-02	<0.500	36.0	5.700E-02	------	0.286
AVERAGE	5.700E-02	<0.500	30.2	5.700E-02	------	0.240

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-FEB-98	------	------	------	------	26.0	------
2-FEB-98	4.300E-02	------	3.804E+04	2.766E+04	25.0	2.37
3-FEB-98	------	------	------	------	30.0	------
4-FEB-98	0.236	------	2.820E+04	3.030E+04	30.0	2.40
5-FEB-98	------	------	------	------	31.0	------
6-FEB-98	0.493	------	3.090E+04	2.790E+04	------	2.44
7-FEB-98	------	------	------	------	------	------
8-FEB-98	------	------	------	------	------	------
9-FEB-98	0.491	------	2.820E+04	2.910E+04	------	2.27
10-FEB-98	------	------	------	------	------	------
11-FEB-98	0.493	------	2.940E+04	7.410E+04	------	2.09
12-FEB-98	------	------	------	------	28.0	------
13-FEB-98	0.471	------	7.470E+04	3.540E+04	28.0	2.04
14-FEB-98	------	------	------	------	29.0	------
15-FEB-98	------	------	------	------	30.0	------
16-FEB-98	0.498	------	3.540E+04	3.516E+04	29.0	2.92
17-FEB-98	------	------	------	------	28.0	------
18-FEB-98	0.510	------	3.582E+04	2.940E+04	34.0	2.65
19-FEB-98	------	------	------	------	32.0	------
20-FEB-98	0.422	------	3.858E+04	3.342E+04	33.0	2.50
21-FEB-98	------	------	------	------	32.0	------
22-FEB-98	------	------	------	------	30.0	------
23-FEB-98	0.545	------	2.880E+04	2.850E+04	------	2.46
24-FEB-98	------	------	------	------	------	------
25-FEB-98	------	------	------	------	------	------
26-FEB-98	------	------	------	------	------	------
27-FEB-98	0.534	------	3.060E+04	2.820E+04	------	2.43
28-FEB-98	------	------	------	------	------	------
MINIMUM	4.300E-02	------	2.820E+04	2.766E+04	25.0	2.04
MAXIMUM	0.545	------	7.470E+04	7.410E+04	34.0	2.92
AVERAGE	0.431	------	3.624E+04	3.447E+04	29.7	2.41

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-MAR-98	5.700E-02	------	------	------	------	------
2-MAR-98	5.700E-02	------	33.0	5.700E-02	------	0.246
3-MAR-98	5.700E-02	<0.500	------	5.700E-02	------	------
4-MAR-98	5.700E-02	------	37.0	5.700E-02	------	0.263
5-MAR-98	5.700E-02	------	------	5.700E-02	------	------
6-MAR-98	5.700E-02	------	34.0	5.700E-02	------	0.256
7-MAR-98	------	------	31.5	------	------	------
8-MAR-98	------	------	------	------	------	0.246
9-MAR-98	5.700E-02	------	32.0	5.700E-02	------	------
10-MAR-98	5.700E-02	<0.500	------	5.700E-02	------	------
11-MAR-98	5.700E-02	------	32.0	5.700E-02	------	0.241
12-MAR-98	5.700E-02	------	------	------	------	------
13-MAR-98	5.700E-02	------	35.0	5.700E-02	------	0.266
14-MAR-98	5.700E-02	------	------	5.600E-02	------	------
15-MAR-98	5.700E-02	------	------	------	6.30	------
16-MAR-98	5.700E-02	------	33.0	------	------	0.268
17-MAR-98	5.700E-02	<0.500	------	------	------	------
18-MAR-98	5.700E-02	------	34.0	------	------	0.265
19-MAR-98	5.700E-02	------	------	------	------	------
20-MAR-98	5.700E-02	------	33.3	------	------	0.253
21-MAR-98	5.700E-02	------	------	------	------	------
22-MAR-98	5.700E-02	------	------	------	------	------
23-MAR-98	5.700E-02	<0.500	33.0	------	------	0.257
24-MAR-98	5.700E-02	------	------	5.700E-02	------	------
25-MAR-98	5.700E-02	------	32.0	------	------	0.260
26-MAR-98	5.700E-02	------	------	5.700E-02	------	------
27-MAR-98	5.700E-02	------	33.0	5.700E-02	------	0.238
28-MAR-98	5.700E-02	------	------	------	------	------
29-MAR-98	5.700E-02	------	------	------	------	------
30-MAR-98	5.700E-02	<0.500	32.0	------	------	6.500E-02
31-MAR-98	5.700E-02	------	------	------	------	------
MINIMUM	5.700E-02	<0.500	31.5	5.600E-02	6.30	6.500E-02
MAXIMUM	5.700E-02	<0.500	37.0	5.700E-02	6.30	0.268
AVERAGE	5.700E-02	<0.500	33.2	5.692E-02	6.30	0.240

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-MAR-98	------	------	------	------	------	------
2-MAR-98	0.476	------	2.850E+04	4.020E+04	33.0	2.42
3-MAR-98	------	------	------	------	33.0	------
4-MAR-98	0.542	------	4.038E+04	3.888E+04	37.0	2.71
5-MAR-98	------	------	------	------	30.0	------
6-MAR-98	0.453	------	3.948E+04	3.048E+04	34.0	2.44
7-MAR-98	------	------	------	------	30.0	------
8-MAR-98	0.327	------	3.120E+04	3.960E+04	------	2.38
9-MAR-98	------	------	------	------	32.0	------
10-MAR-98	------	------	------	------	35.0	------
11-MAR-98	0.241	------	4.038E+04	5.574E+04	32.0	2.54
12-MAR-98	------	------	------	------	33.0	------
13-MAR-98	0.477	------	5.640E+04	3.798E+04	35.0	2.68
14-MAR-98	------	------	------	------	35.0	------
15-MAR-98	------	------	------	------	33.0	------
16-MAR-98	0.239	------	3.870E+04	2.820E+04	------	2.48
17-MAR-98	------	------	------	------	------	------
18-MAR-98	7.400E-02	------	2.880E+04	4.632E+04	------	2.65
19-MAR-98	------	------	------	------	------	------
20-MAR-98	0.329	------	4.686E+04	3.864E+04	------	2.54
21-MAR-98	------	------	------	------	------	------
22-MAR-98	------	------	------	------	------	------
23-MAR-98	0.107	------	3.900E+04	2.880E+04	------	2.66
24-MAR-98	------	------	------	------	31.0	------
25-MAR-98	2.600E-02	------	2.910E+04	3.576E+04	35.0	2.59
26-MAR-98	------	------	------	------	34.0	------
27-MAR-98	3.500E-02	------	3.630E+04	4.932E+04	32.0	2.34
28-MAR-98	------	------	------	------	------	------
29-MAR-98	------	------	------	------	------	------
30-MAR-98	3.100E-02	------	4.992E+04	3.696E+04	------	1.24
31-MAR-98	------	------	------	------	31.0	------
MINIMUM	2.600E-02	------	2.850E+04	2.820E+04	30.0	1.24
MAXIMUM	0.542	------	5.640E+04	5.574E+04	37.0	2.71
AVERAGE	0.258	------	3.885E+04	3.899E+04	33.1	2.44

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-APR-98	5.700E-02	------	31.0	5.700E-02	------	0.166
2-APR-98	5.700E-02	------	------	------	------	------
3-APR-98	5.700E-02	------	32.0	------	------	0.183
4-APR-98	5.700E-02	------	------	------	------	------
5-APR-98	5.700E-02	------	------	------	------	------
6-APR-98	5.700E-02	<0.500	33.5	5.700E-02	------	0.204
7-APR-98	5.700E-02	------	------	5.700E-02	------	------
8-APR-98	5.700E-02	------	33.0	5.700E-02	------	0.200
9-APR-98	5.700E-02	------	31.6	5.600E-02	------	------
10-APR-98	5.700E-02	------	32.0	------	------	0.196
11-APR-98	5.700E-02	------	------	------	------	------
12-APR-98	5.700E-02	------	------	5.700E-02	------	------
13-APR-98	5.700E-02	<0.500	31.0	------	------	0.202
14-APR-98	5.700E-02	------	------	------	------	------
15-APR-98	5.700E-02	------	32.0	------	------	0.217
16-APR-98	5.700E-02	------	------	------	------	------
17-APR-98	5.700E-02	------	30.0	------	------	0.210
18-APR-98	5.700E-02	------	------	------	------	------
19-APR-98	5.800E-02	------	------	------	------	------
20-APR-98	5.700E-02	<0.500	30.0	5.700E-02	------	0.200
21-APR-98	------	------	------	5.700E-02	------	------
22-APR-98	5.700E-02	------	33.0	5.700E-02	------	0.205
23-APR-98	5.700E-02	------	------	5.700E-02	------	------
24-APR-98	5.700E-02	------	32.0	5.700E-02	------	0.214
25-APR-98	5.700E-02	------	------	5.700E-02	------	------
26-APR-98	5.700E-02	<0.500	------	------	------	------
27-APR-98	5.700E-02	------	31.0	------	------	0.242
28-APR-98	5.500E-02	------	------	------	------	------
29-APR-98	5.700E-02	------	29.6	5.500E-02	------	0.246
30-APR-98	5.700E-02	------	------	------	------	------
MINIMUM	5.500E-02	<0.500	29.6	5.500E-02	------	0.166
MAXIMUM	5.800E-02	<0.500	33.5	5.700E-02	------	0.246
AVERAGE	5.697E-02	<0.500	31.6	5.677E-02	------	0.207

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

DATE	174 ppb	182	196	197	205 ppb	209
1-APR-98	3.500E-02	------	3.744E+04	4.392E+04	30.0	1.82
2-APR-98	------	------	------	------	------	------
3-APR-98	0.253	------	4.410E+04	4.818E+04	------	1.94
4-APR-98	------	------	------	------	------	------
5-APR-98	------	------	------	------	------	------
6-APR-98	0.326	------	4.944E+04	4.116E+04	35.0	2.29
7-APR-98	------	------	------	------	32.0	------
8-APR-98	0.323	------	4.146E+04	3.570E+04	36.0	2.28
9-APR-98	------	------	------	------	30.8	------
10-APR-98	0.255	------	3.600E+04	3.834E+04	------	2.34
11-APR-98	------	------	------	------	32.0	------
12-APR-98	------	------	------	------	31.0	------
13-APR-98	0.242	------	3.894E+04	4.602E+04	------	2.30
14-APR-98	------	------	------	------	------	------
15-APR-98	0.171	------	4.638E+04	3.840E+04	------	2.50
16-APR-98	------	------	------	------	30.0	------
17-APR-98	9.100E-02	------	3.906E+04	3.690E+04	29.0	2.44
18-APR-98	------	------	------	------	30.0	------
19-APR-98	------	------	------	------	34.0	------
20-APR-98	1.800E-02	------	3.744E+04	3.012E+04	30.0	2.38
21-APR-98	------	------	------	------	30.0	------
22-APR-98	2.800E-02	------	3.060E+04	4.008E+04	31.0	2.22
23-APR-98	------	------	------	------	30.0	------
24-APR-98	6.400E-02	------	4.020E+04	5.340E+04	30.0	2.94
25-APR-98	------	------	------	------	29.0	------
26-APR-98	------	------	------	------	------	------
27-APR-98	2.400E-02	------	5.382E+04	5.238E+04	------	2.58
28-APR-98	------	------	------	------	------	------
29-APR-98	2.500E-02	------	5.280E+04	5.910E+04	30.0	1.84
30-APR-98	------	------	------	------	------	------
MINIMUM	1.800E-02	------	3.060E+04	3.012E+04	29.0	1.82
MAXIMUM	0.326	------	5.382E+04	5.910E+04	36.0	2.94
AVERAGE	0.143	------	4.213E+04	4.336E+04	31.1	2.30

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

4	Conductivity (Monit)	5	Chloride
8	Diss. O2 (monitor)	9	Conductivity (grab)
22	pH	25	Total Copper

	4	5	8	9	22	25
DATE	umho/cm	ppb	ppb	umho/cm	S.U.	ppb
1-MAY-98	5.700E-02	------	------	------	------	0.249
2-MAY-98	5.700E-02	------	------	------	------	0.429
3-MAY-98	5.700E-02	------	------	------	------	------
4-MAY-98	6.100E-02	------	7.660E+03	------	------	------
5-MAY-98	------	------	------	6.400E-02	------	------
6-MAY-98	6.700E-02	------	------	------	------	------
7-MAY-98	------	------	------	------	------	------
8-MAY-98	------	------	------	------	------	------
9-MAY-98	------	------	------	------	------	------
10-MAY-98	------	------	------	------	------	------
11-MAY-98	------	------	------	------	------	------
12-MAY-98	------	------	------	------	------	------
13-MAY-98	------	------	------	------	------	------
14-MAY-98	------	------	------	------	------	------
15-MAY-98	------	------	------	------	------	------
16-MAY-98	------	------	------	------	------	------
17-MAY-98	------	------	------	------	------	------
18-MAY-98	------	------	------	------	------	------
19-MAY-98	------	------	------	------	------	------
20-MAY-98	------	------	------	------	------	------
21-MAY-98	------	------	------	------	------	------
22-MAY-98	------	------	------	------	------	------
23-MAY-98	------	------	------	------	------	------
24-MAY-98	------	------	------	------	------	------
25-MAY-98	------	------	------	------	------	------
26-MAY-98	------	------	------	------	------	------
27-MAY-98	------	------	------	------	------	------
28-MAY-98	------	------	------	------	------	------
29-MAY-98	------	------	------	------	------	------
30-MAY-98	------	------	------	------	------	------
31-MAY-98	------	------	------	------	------	------
MINIMUM	5.700E-02	------	7.660E+03	6.400E-02	------	0.249
MAXIMUM	6.700E-02	------	7.660E+03	6.400E-02	------	0.429
AVERAGE	5.980E-02	------	7.660E+03	6.400E-02	------	0.339

NINE MILE POINT UNIT 2
UNIT 2 FEEDWATER
SUMMARY REPORT
REPORT GENERATED ON 8-JUN-98

PARAMETERS

174	Total Zinc	182	O2 Flow
196	Metals start time	197	Metals stop time
205	Diss. O2 (grab)	209	Metals Index

	174	182	196	197	205	209
DATE	ppb				ppb	
1-MAY-98	2.500E-02	------	5.940E+04	4.410E+04	------	2.74
2-MAY-98	9.200E-02	------	4.410E+04	300.	------	7.76
3-MAY-98	------	------	------	------	------	------
4-MAY-98	------	------	------	------	------	------
5-MAY-98	------	------	------	------	------	------
6-MAY-98	------	------	------	------	------	------
7-MAY-98	------	------	------	------	------	------
8-MAY-98	------	------	------	------	------	------
9-MAY-98	------	------	------	------	------	------
10-MAY-98	------	------	------	------	------	------
11-MAY-98	------	------	------	------	------	------
12-MAY-98	------	------	------	------	------	------
13-MAY-98	------	------	------	------	------	------
14-MAY-98	------	------	------	------	------	------
15-MAY-98	------	------	------	------	------	------
16-MAY-98	------	------	------	------	------	------
17-MAY-98	------	------	------	------	------	------
18-MAY-98	------	------	------	------	------	------
19-MAY-98	------	------	------	------	------	------
20-MAY-98	------	------	------	------	------	------
21-MAY-98	------	------	------	------	------	------
22-MAY-98	------	------	------	------	------	------
23-MAY-98	------	------	------	------	------	------
24-MAY-98	------	------	------	------	------	------
25-MAY-98	------	------	------	------	------	------
26-MAY-98	------	------	------	------	------	------
27-MAY-98	------	------	------	------	------	------
28-MAY-98	------	------	------	------	------	------
29-MAY-98	------	------	------	------	------	------
30-MAY-98	------	------	------	------	------	------
31-MAY-98	------	------	------	------	------	------
MINIMUM	2.500E-02	------	4.410E+04	300.	------	2.74
MAXIMUM	9.200E-02	------	5.940E+04	4.410E+04	------	7.76
AVERAGE	5.850E-02	------	5.175E+04	2.220E+04	------	5.25

ENCLOSURE 3