State of California CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO.<u>CI 6808</u> for ROCKWELL INTERNATIONAL CORPORATION (Hillcrest Facility, Newbury Park) (CA0060348)

I. REPORTING REQUIREMENTS

The discharger shall implement this monitoring program from the effective date of this order. The first monitoring report under this program is due by October 15, 1996.

Monitoring reports shall be submitted by the dates in the following schedule:

| Report Due |
|------------|
| April 15 |
| July 15 |
| October 15 |
| January 15 |
| March 1 |
| |

If there is no discharge, the report shall so state.

II. EFFLUENT MONITORING REQUIREMENTS

- A. A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. In the event that waste streams from sources are combined for treatment or discharge, representative sampling stations shall be at that place to ensure that the quantity of each pollutant or pollutant property attributable to each waste source regulated by effluent limitations can be determined.
- B. The detection limits employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular detection limit is not attainable and obtains approval for a higher detection limit from the Executive Officer. At least once a year, the discharger shall submit a list of the analytical methods employed for each test and associated laboratory quality assurance/quality control procedures.

May 10, 1996 Revised: June 10, 1996

- C. This Regional Board shall be notified in writing of any change in the sampling stations once established or in the methods for determining the quantities of pollutants in the individual waste streams.
- D. Quarterly effluent analyses shall be performed during the months of February, May, August and November. Semiannual effluent analyses shall be performed during the months of February and August. Annual effluent analyses shall be performed during the month of February. Results of quarterly, semiannual and annual analyses shall be reported in the appropriate monthly monitoring report.

E. <u>Effluent Monitoring Program</u>

The following shall constitute the effluent monitoring program for the final effluent:

| <u>Constituent</u> | <u>Units</u> | Type of Sample | Minimum Frequency of Analysis |
|--|---------------|-------------------|-------------------------------------|
| Total waste flow | gal/day °F | | weekly |
| Temperature | г pH units | grab | weekly |
| pH Turbidity | NTU | grab grab | weekly monthly |
| Residual chlorine ^{1/} | mg/L | grab | monthly |
| Tetrachloroethylene | ì g/L | grab | monthly |
| Trichloroethylene | ì g/L | grab | monthly |
| 1,2-Dichloroethane | ì g/L | grab | monthly |
| 1,1-Dichloroethylene | ì g/L | grab | monthly |
| 1,1,1-Trichloroethane | ì g/L | grab | monthly |
| Chromium | ì g/L | grab | monthly |
| Lead | ì g/L | grab | monthly |
| Remaining EPA metals and volatile orga | | | 2/ |
| compounds (see attachment T-1) | ì g/L | grab | quarterly ^{2/} |
| Settleable solids | mL/L | grab | quarterly |
| Suspended solids | mg/L | grab | quarterly |
| Oil and grease | mg/L | grab | quarterly |
| Chloride | mg/L | grab | quarterly |
| Sulfate | mg/L | grab | quarterly |
| Total dissolved solids | mg/L | grab | quarterly |
| Nitrate + Nitrite (as N) | mg/L | grab | quarterly |
| Boron | mg/L | grab | quarterly |
| BOD₅ 20°C | mg/L | grab | quarterly |

| Toxicity - Acute ^{3/} | % survival | grab | annually $^{4/}$ |
|--------------------------------|------------|------|------------------|
| | | | |

- 1/ A statement certified that no chlorine is used may be submitted in lieu of an analysis.
- 2/ If the result of the analyses for the constituents listed in Attachment T-1 is "non detect", for three consecutive quarterly reporting periods, the Discharger may discontinue monitoring them for the lifetime of the permit.
- 3/ By the method specified in "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" March 1985 (EPA/600/4-85/013). Submission of bioassay results should include the information noted on pages 45-49 of the "Methods". The fathead minnow (Pimephales Promelas) shall be used as the test species.
- 4/ If the result of the annual toxicity test yields a result of non-compliance with the limitations then the frequency of analysis shall increase to monthly until at least three consecutive test results have been obtained and full compliance with Effluent Limitations I-3 have been demonstrated, after which the frequency of analysis shall revert to annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

| Ordered by: | | Date: <u>June 10, 1996</u> |
|-------------|----------------------------|----------------------------|
| | ROBERT P. GHIRELLI, D.Env. | |
| | Executive Officer | |

/HDN

PRIORITY POLLUTANTS

(Remaining Metals and Volatile Organic Compounds)

| <u>Metals</u> | Acid Extractibles | Volatile Organics |
|--|--|--|
| Antimony Arsenic Beryllium Cadmium Copper Mercury Nickel Selenium Silver Thallium Zinc | 2,4,6-trichlorophenol P-chloro-m-cresol 2-chlorophenol 2,4-dichlorophenol 2,4-dimethylphenol 2-nitrophenol 4-nitrophenol 4,6-dinitro-o-cresol Pentachlorophenol Phenol | Acrolein Acrylonitrile Benzene Carbon tetrachloride Chlorobenzene 1,1-dichloroethane 1,1,2-trichloroethane 1,1,2,2-tetrachloroethane Chloroform 1,2-trans-dichloroethylene 1,2-dichloropropane 1,3-dichloropropylene Ethylbenzene Methylene chloride Methyl chloride Methyl bromide Bromoform Bromodichloromethane Dibromochloromethane Toluene Vinyl chloride 2-chloroethyl vinyl ether |