EMERGENCY PERMIT
FOR A HAZARDOUS WASTE MANAGEMENT FACILITY

Permittee: Rocketdyne Division
Rockwell International Corporation
Energy Technology Engineering Center
B/133
Santa Susana Field Laboratory
Ventura County, California

Facility Identification Number CAD000629972

Pursuant to the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended (42 USC 6901 et seq., commonly known as RCRA) and regulations promulgated thereunder by the U.S. Environmental Protection Agency (EPA) (codified and to be codified in Title 40 of the Code of Federal Regulations, Part 270.61) and Section 66393, Title 22, Division 4, California Code of Regulations, a temporary Emergency Permit is issued to Rocketdyne Division, Rockwell International Corporation subject to the conditions set forth in Attachment A which by this reference is incorporated herein. All Permit conditions established in the permit issued on December 30, 1983 for EPA ID # CAD 00629972 are incorporated herewith. This Emergency Permit allows Rockwell International Corporation to treat seventy-five (75) thirty (30) - ounce containers of metallic sodium in the Sodium Burn Facility (B/133), Santa Susana Field Laboratory. The containers were illegally disposed at a site located at APN 071-150-018, Lumpkin Road, between Nos. 1315 and 1394, Butte County, California on or about June 5, 1990.

This Emergency Permit is effective immediately and shall expire in 90 days from the date given above.

Jeffrey Zalikson, Director
Hazardous Waste Management Division
U.S. Environmental Protection Agency

Date 6.26.90

Dennis Dickerson, Regional Hazardous Administrator
Region 3, Burbank
Toxic Substances Control Division
CA Department of Health Services

Date 7/2/90
INTRODUCTION

The Solid Waste Disposal Act, as amended by the Resources Conservation and Recovery Act of 1976, as amended (42 USC 6901 et seq., commonly known as RCRA) and regulations promulgated thereunder by the U. S. Environmental Protection Agency (EPA) (codified and to be codified in Title 40 of the Code of Federal Regulations, Part 270.61) and Section 66393, Title 22, Division 4, California Code of Regulations, authorize issuance of a temporary emergency permit in the event that an imminent and substantial endangerment of human health or the environment exists. On June 19, 1990, the California State Department of Health Services (Department) found that an imminent and substantial endangerment determination exists as it applies to a site located at ARN 071-150-018, Lumpkin Road, between Nos. 1315 and 1394. A map showing the site is attached. The site is a vacant five-acre parcel located approximately one and one-half to two miles north of the Enterprise Bridge which spans that South Fork of the Feather River. The site is situated an estimated 500 feet above the lake on the north side of the South Fork. The land comprising the site is undeveloped property zoned for residential use.

An unknown responsible party illegally abandoned metallic sodium waste on this privately-owned five-acre parcel in Butte County. Officials from Butte County discovered the waste on June 5, 1990. Seventy-five (75) thirty (30) ounce containers of metallic sodium in their original containers have been found on site. Each thirty (30) ounce container holds six (6) 1"x1"x6" bars of metallic sodium submerged in oil.

Metallic sodium is a reactive substance which presents an explosion hazard. It reacts violently when exposed to moisture in any form. When metallic sodium is reacted with water, it will produce hydrogen gas which is explosive. Metallic sodium emits sodium oxide fumes when heated in air.
The Department has determined that the Rockwell/Rocketdyne Treatment facility in Santa Susana, California possesses a permitted metallic sodium treatment facility that offers the most desirable means for treating this particular waste stream. The Department is unable to locate an alternative treatment facility that will accept this waste stream in a short time under emergency conditions.

Based on the foregoing findings of fact and conclusions of law, the Department hereby determines that removal or remedial action is necessary at the Site because there may be an imminent and substantial endangerment to the public health or welfare or to the environment.

This emergency permit authorizes Rockwell International Corporation, Energy Technology Engineering Center B/133 to accept the aforementioned waste for treatment in the Alkali Metal Thermal Treatment Facility, Building 133, Area IV, EPA ID: CADD00629972. Within 90 days of receipt of the wastes they shall be treated. Rockwell International Corporation is required to comply with all permit conditions established with the permit issued under EPA ID: CADD00629972 on December 30, 1983.