

# JERRY NICHOLSON - Projects



**KING SALMON TERMINAL**



BEFORE DEMOLITION



NEW BOILERS



**KODIAK TERMINAL**



NEW BOILERS



**DEADHORSE TERMINAL**



BEFORE DEMOLITION



GAS CONVERSION



**FAIRBANKS CARGO**



BEFORE DEMOLITION



NEW BOILERS



**FAIRBANKS HANGER**



NEW OIL BURNERS



**HIGHLIGHTS OF MARKAIR INC - AIR TERMINALS, ALASKA**

**MECHANICAL DESIGN - BUILD 1989 - 1993**

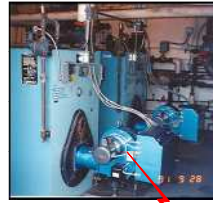
# JERRY NICHOLSON - Projects



FAIRBANKS CARGO



KODIAK TERMINAL



FAIRBANKS HANGER



DEADHORSE



KING SALMON



STAND ALONE CONTROLLER

INSTALLED AT FAIRBANKS SITE



MODEM

INSTALLED AT KODIAK SITE



INSTALLED AT FAIRBANKS SITE



INSTALLED AT DEADHORSE SITE



INSTALLED AT KING SALMON SITE

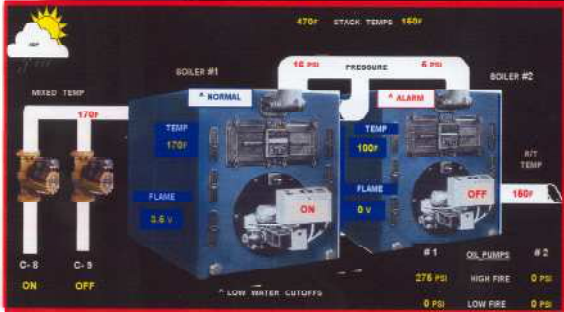
TELEMETRY



NUSHAGAK CONSULTANTS HEADQUARTERS ANCHORAGE

## POINTS MONITORED AND/OR CONTROLLED

- Boiler Supply and Return Temperature
- Boiler Pressure
- Oil Fuel Tank Level
- Building Space Temperature
- Outside Air Temperature
- Building Lighting
- Equipment Runtime
- Airhandler Filter
- Cabinet Unit Heaters
- Freezer Temperature
- Cargo Doors
- Night Setback on Thermostats
- Night Setback on Airhandler
- Boiler Circulating Pumps Differential
- Boiler Stack Temperature
- Boiler Burner Start / Stop

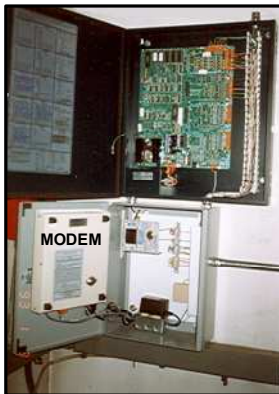


ACTUAL REAL TIME COMPUTER COLOR GRAPHICS

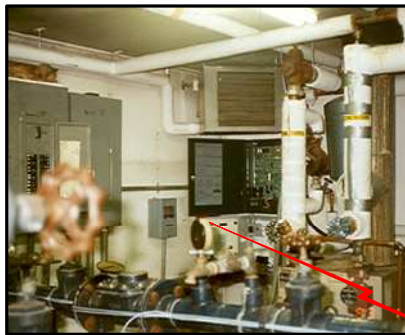
## HIGH END TELEMETRY COMPUTERIZED ENERGY & PREVENTATIVE MAINTENANCE MANAGEMENT



**MARKAIR INC DESIGN - BUILD 1990 - 1994**



TYPICAL STAND ALONE DIRECT DIGITAL CONTROLLER (DDC) INSTALLED IN ALL REMOTE SITES



INSIDE NOATAK WATER TREATMENT PLANT



NOATAK WATER TREATMENT PLANT AND VILLAGE WATER STORAGE TANK



HEADQUARTERS ANCHORAGE

## POINTS MONITORED

- Boiler Temperature
- Boiler Pressure
- Oil Fuel Tank Level
- Utilidor Space Temperature
- Building Space
- Storage Tank Temperature
- Water Pressure
- Outside Air Temperature

## HIGH END TELEMETRY COMPUTERIZED PREVENTATIVE MAINTENANCE MANAGEMENT

**CITY OF NOATAK DESIGN - BUILD 1993**