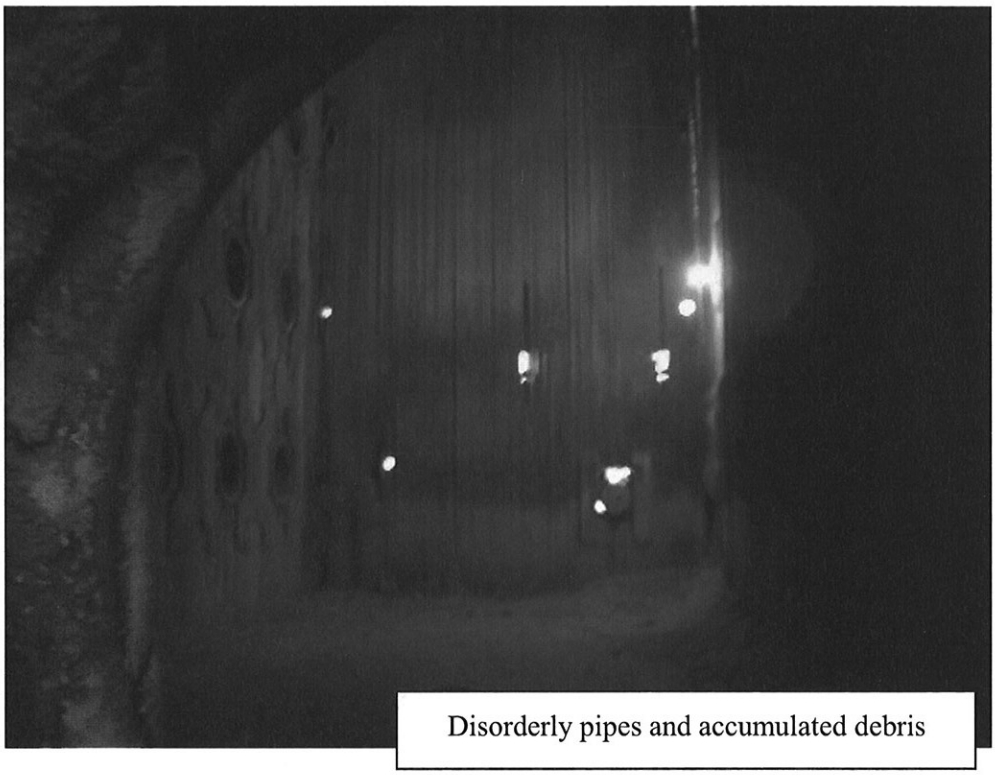
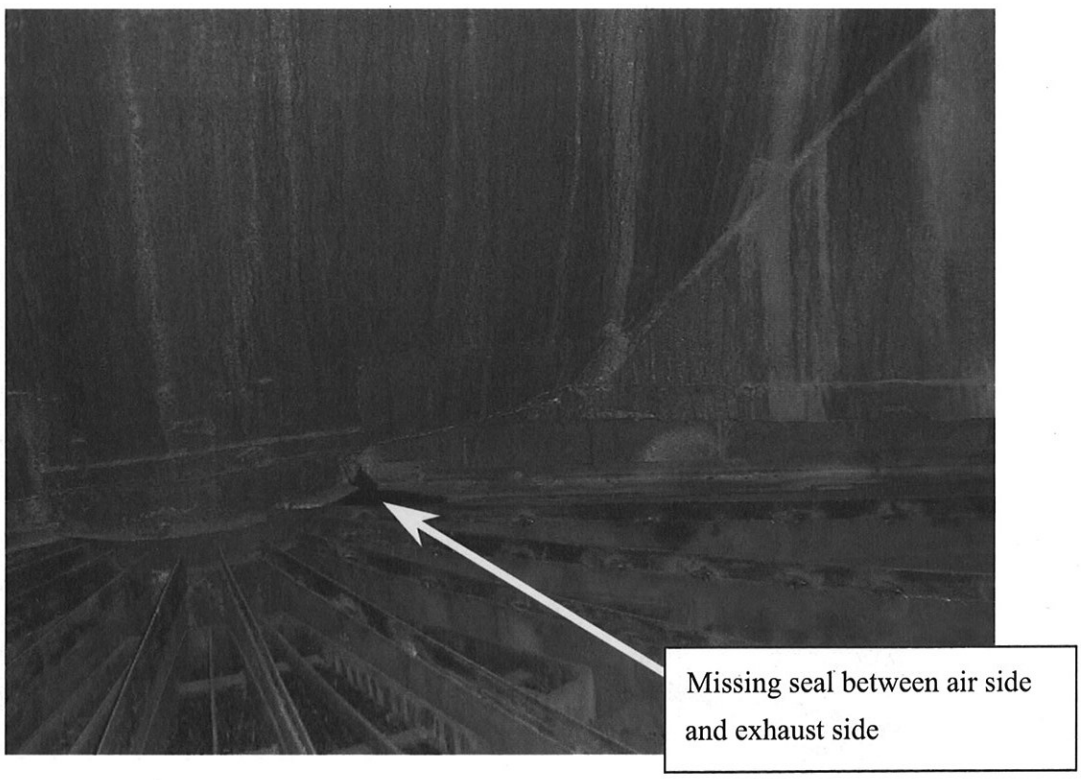
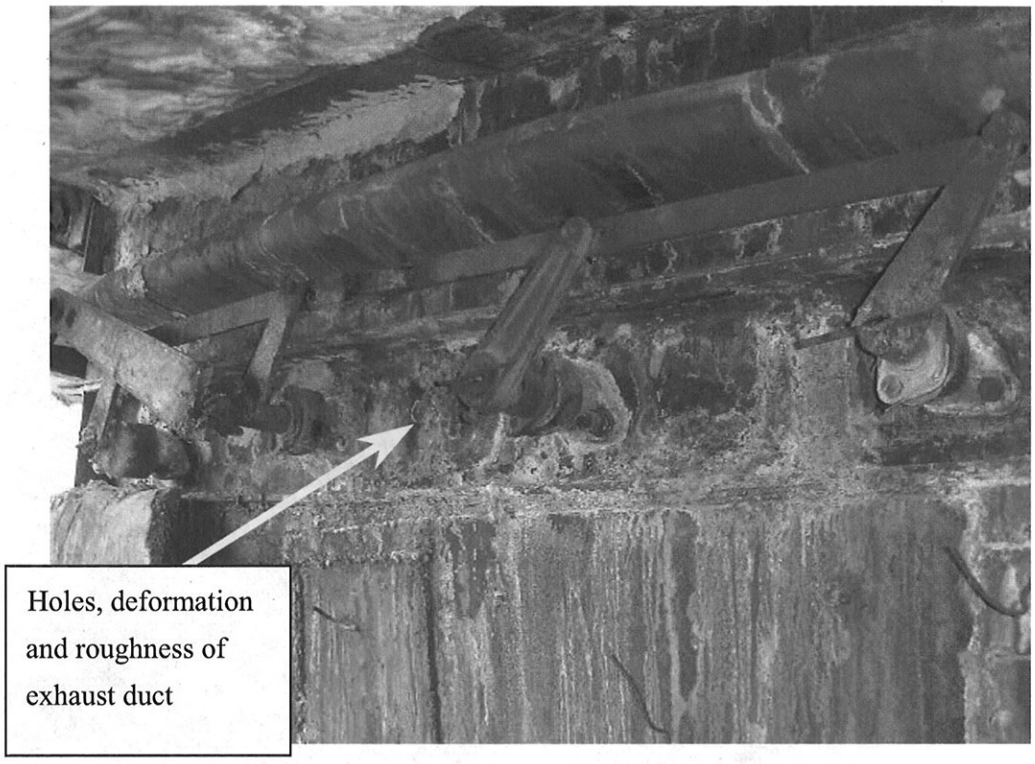


Picture 5.1-16 Inside Unit 1 Boiler



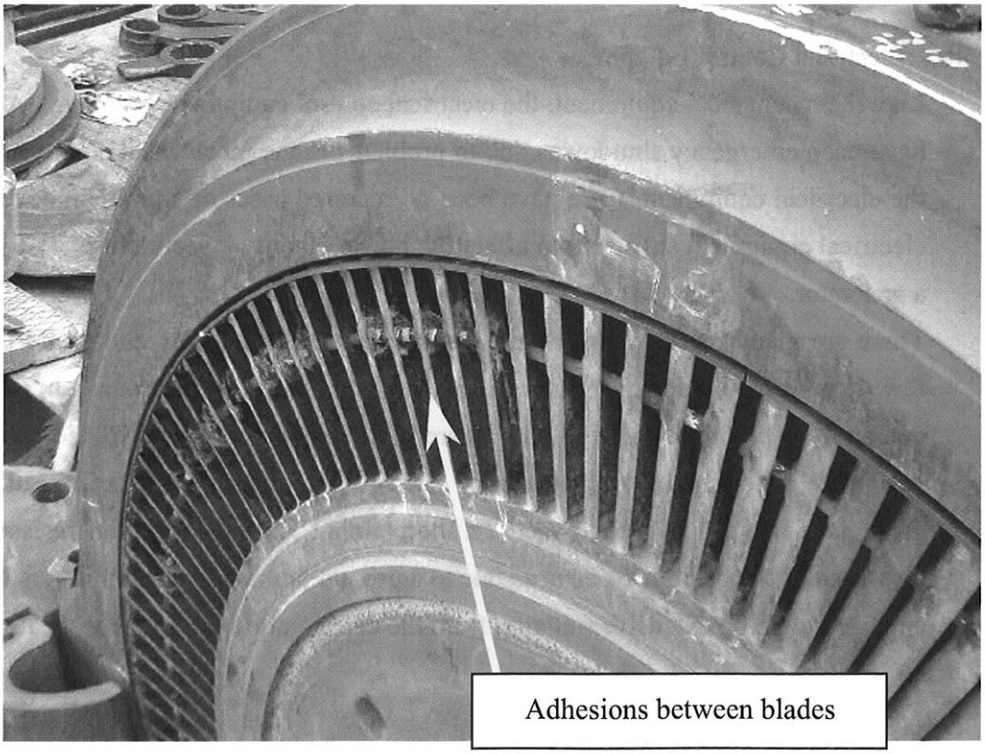
Picture 5.1-17 Inside Unit 1 Air Heater

(The front of the picture shows the exhaust side, the rear shows the air side.)

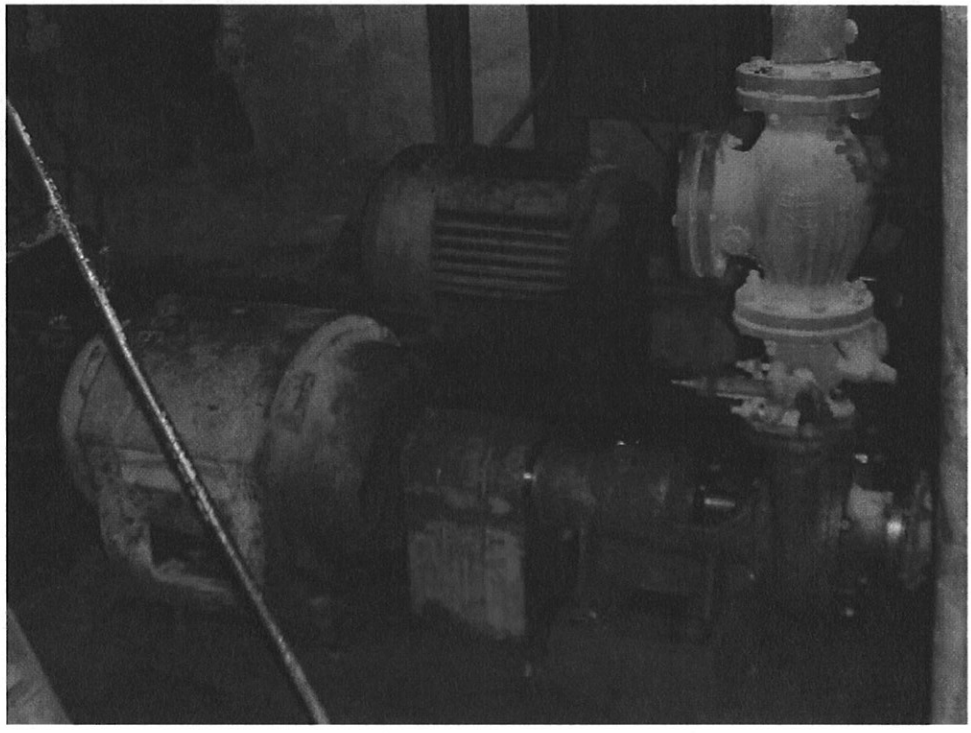


Picture 5.1-18 Unit 1 Exhaust Duct

(With the insulation is removed, there is significant deterioration and many holes due to corrosion.)



Picture 5.1-19 Unit 1 Medium Pressure Turbine, Final Group of Moving Blades



Picture 5.1-20 Unit 6 Air Heater Bearing Lubricant Pump

(Not cleaned, although there are no operational problems.)

(b) Electrical Control Equipment

Like the mechanical equipment, the electrical control equipment is aging. Although there have been emergency shutdowns due to problems in the mechanical equipment attached to the electrical equipment, there have been no reported cases of a problem developing in the electrical equipment sufficient to affect the power supply. See Picture 5.1-6 for a view of a generator.

There are many places in which the control equipment is aging and faulty, and there are few parts of the equipment that actually fulfill their control functions. In actual practice, operation is performed manually. There is serious deterioration of the cable tray, such that it no longer has its original shape. In addition, due to cable deterioration, there is a great possibility of a ground fault or short circuit, so the insulation resistance must be measured. If a cable fire occurred due to a ground fault or short circuit, it is likely that the damage would be extensive (judging from the deterioration of the cable sheath).