



ATTACHMENT

LICENSEE EVENT REPORT 82-028/03L-0

During the performance of an Emergency Service Water System modification, a construction electrician accidentally touched a ground cable to a live bus bar in a motor control center. The lights went out in the ESW pump house, then came back on. A fire then broke out in a cubicle of the MCC. The workers immediately reported the fire to the control room and simultaneously extinguished it. The fire was reported at 0935, and was reported out at 0942. Because the fire was in an ESS breaker, the Emergency Plan was implemented in the "Alert" status at 0937. All notifications required by the Emergency plan were made and the accountability siren was activated. The actual time of the fire could be established at 0928, via a vibration monitor alarm which actuated in the ESW pump house at that time.

Immediately after the control room verified where the fire was located, they de-energized the bus bar by opening breaker 1B210, and ESW Loop "A" was declared inoperable. When Operations got to the ESW pump house, the fire had been extinguished.

The Technical Support Center was manned and took over communications by approximately 1015. By 1049, the "Alert" status was downgraded to an "Unusual Event". At 1105, the Unusual Event was suspended.

Immediately following the event, the construction electricians were interviewed. Agreement was reached that the root cause of the event was poor work practices. An investigative/training meeting was held with the construction representative. During implementation of the Emergency Plan, several areas were noted where improvements could be made. These areas are presently under review and appropriate corrective actions will be forthcoming. A concern was raised about the lack of fire alarms, because the smoke detectors did not actuate. The detectors were later determined functional and the initial determination is that not enough smoke was generated to actuate the detectors. An engineering review is underway to determine if there is adequate fire detection in the ESW pump house.