



EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

February 13, 1990

NP33-89-021
DSS-90-15016

Docket No. 50-346

License No. NPF-3

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Gentlemen:

Subject: Voluntary Report of the Failure to Immediately Assemble the Fire
Brigade

On December 15, 1989, at 1203 hours, the Control Room received a fire suppression alarm for the Service Water Pump Room followed shortly by an alarm for the start of the Electric Fire Pump. Contrary to the requirements in the Fire Procedure, DB-OP-02529, the Fire Brigade was not immediately assembled.

Upon receipt of the alarms, an equipment operator was dispatched to the room. The Control Room operators verified, via the computer summary, that the service water pumps' bearing temperatures were normal. The equipment operator found water spraying above Service Water Pump 1-1 but found no fire. The sprinkler was isolated at 1209 hours. The Electric Fire Pump was shutdown at 1213 hours. The alternate Service Water Pump was started and the sprayed down pump was shutdown. The loads on a nearby sprayed down motor control center were switched to an alternate bus. No permanent damage resulted from the water. The damaged sprinkler head was replaced and the sprinkler placed back in service.

The Shift Supervisor failed to take appropriate action by not immediately assembling the Fire Brigade upon receipt of the redundant, diverse indications. The decision not to assemble the Fire Brigade was based on a prompt verification that no smoke or fire detector alarms accompanied the sprinkler alarm and the confirmation of normal bearing temperature on all service water pumps. Therefore, the Shift Supervisor concluded that the event was limited to a sprinkler system failure.

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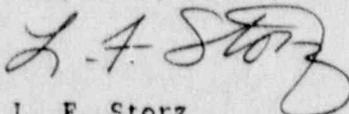
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Docket No. 50-346
License No. NPF-3
NP33-89-021
Page 2

Toledo Edison submitted its final response to a notice of violation for not immediately assembling the fire brigade upon receipt of any fire alarm in the Control Room by letter dated September 30, 1989 (Serial No. 1-893). This response identified the circumstances for which Toledo Edison determined immediate assembly of the Fire Brigade was warranted. One of the criteria committed to was that the Fire Brigade would be immediately assembled upon receipt in the Control Room of redundant, diverse indications of a fire. This criteria was intended to eliminate diagnosis times and to assure prompt response of the Fire Brigade under actual fire conditions even if occasional assembly under non-fire conditions occurred. The safety significance of this failure to immediately assemble the Fire Brigade was minimal since no actual fire did occur. However, had there been an actual fire and a failure in the detection zone circuitry preventing the alarming, the delay in assembling the Fire Brigade could have been more significant.

The Shift Supervisor involved and/or the Superintendent of Operations has discussed the event and the proper response, per procedure, with each operating shift.

Very truly yours,



L. F. Storz
Plant Manager

JCS/plf

cc: A. B. Davis
Regional Administrator
Region III

P. Byron
NRC Senior Resident Inspector