NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | LICENSEE CODE: M S G G S 1 ② | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 ③ | LICENSE TYPE: 4 1 1 1 1 ④ | CAT ⑤

CON'T
0 1 | REPORT SOURCE: L ⑥ | DOCKET NUMBER: 0 5 0 0 0 4 1 6 ⑦ | EVENT DATE: 0 7 0 1 8 2 ⑧ | REPORT DATE: 0 7 2 8 8 2 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 During fuel loading operations, two scrams were initiated by high flux
0 3 spikes on fuel loading chambers connected to the SRM non-coincident
0 4 reactor protection system logic. Shorting links had been removed in
0 5 accordance with Technical Specifications. The first scram occurred on
0 6 the 'B' channel, the second on the SRM 'F' channel. The system performed
0 7 its function as designed. This event is reportable under 10CFR50.
0 8

0 9 | SYSTEM CODE: L A ⑪ | CAUSE CODE: X ⑫ | CAUSE SUBCODE: X ⑬ | COMPONENT CODE: I N S T R U ⑭ | COMP. SUBCODE: E ⑮ | VALVE SUBCODE: Z ⑯

⑰ LER/RO REPORT NUMBER: EVENT YEAR: 8 2 | — | SEQUENTIAL REPORT NO.: 0 0 2 | / | OCCURRENCE CODE: 0 1 | REPORT TYPE: T | — | REVISION NO.: 0

ACTION TAKEN: X ⑱ | FUTURE ACTION: Z ⑲ | EFFECT ON PLANT: Z ⑳ | SHUTDOWN METHOD: Z ㉑ | HOURS ㉒: 0 0 0 0 | ATTACHMENT SUBMITTED: Y ㉓ | NPRD-4 FORM SUB.: N ㉔ | PRIME COMP. SUPPLIER: N ㉕ | COMPONENT MANUFACTURER: G 0 8 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 The probable cause of the high flux spike was determined to be a
1 1 combination of very low set points for instruments and the close
1 2 proximity of the fuel loading chamber to the fuel bundle. The fuel
1 3 loading chambers were relocated to prevent recurrence.
1 4

1 5 | FACILITY STATUS: X ㉘ | % POWER: 0 0 0 ㉙ | OTHER STATUS ㉚: First Fuel Load | METHOD OF DISCOVERY: A ㉛ | DISCOVERY DESCRIPTION ㉜: Operator Observation

1 6 | ACTIVITY RELEASED: Z ㉝ | CONTENT OF RELEASE: Z ㉞ | AMOUNT OF ACTIVITY ㉟: NA | LOCATION OF RELEASE ㊱: NA

PERSONNEL EXPOSURES
1 7 | NUMBER: 0 0 0 ㊲ | TYPE: Z ㊳ | DESCRIPTION ㊴: NA

PERSONNEL INJURIES
1 8 | NUMBER: 0 0 0 ㊵ | DESCRIPTION ㊶: NA

LOSS OF OR DAMAGE TO FACILITY ㊸
1 9 | TYPE: Z ㊷ | DESCRIPTION: NA

PUBLICITY
2 0 | ISSUED: N ㊹ | DESCRIPTION ㊺: NA | NRC USE ONLY

NAME OF PREPARER Original Signed by C. K. McCoy PHONE:

Supplementary Information
to LER 82-002/01 T-0

During fuel loading operations on July 1, 1982, at 1820 hours, Grand Gulf Unit 1 experienced a scram while inserting the initial bundle into the core. Prior to beginning fuel load operations, all control rods had been inserted and "shorting links" removed in accordance with Technical Specifications. The scram signal was generated by a high flux spike on the FLC (fuel loading chamber) connected to the SRM "B" channel. After determining what had occurred, the scram signal was reset and insertion of the bundle was completed.

At 2018 hours a second scram was initiated via the SRM "F" channel. No fuel movement was in progress at this time. Only one bundle had been loaded into the core.

The probable cause was determined to be the very low setpoints for the instruments and the close proximity of the FLC to the fuel bundle. Fuel loading chambers were relocated to prevent recurrence. The incident is reportable under 10CFR 50.72, Notification of Significant Events.

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