

August 20, 1987
NRC/TMI 87-064

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- 4) Effluent from the defueling work platform off gas system will be routed to the vicinity of the containment purge system suction point similar to that described in reference (9).
- 5) The defueling work platform off gas system and containment purge system must be operating whenever plasma arc cutting is performed.

We have determined that an additional condition should apply to this activity. In the event that plasma arc cutting interferes with the nuclear instruments (i.e., NI-1 and NI-2) which monitor nuclear core conditions, no additional core alterations may take place during the cutting of upper end fittings in the reactor vessel.

We, therefore, approve the proposed use of a plasma arc torch to cut upper end fittings inside the RV contingent upon the above specified conditions.

Sincerely,

ORIGINAL SIGNED BY,
William D. Travers

William D. Travers, Director
TMI-2 Cleanup Project Directorate

cc: T. F. Demmitt
R. E. Rogan
W. E. Potts
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Service Distribution List
(see attached)

OFFICE	THICPD	THICPD	THICPD				
SURNAME	R. COOK: wa	J. Thomas	W. Travers				
DATE	8/24/87	8/24/87	8/20/87				

REFERENCES

- a. GPUN letter 4410-86-L-0143, F. R. Standerfer to TMI-2 Cleanup Project Directorate, Use of Plasma Arc Torch, dated August 27, 1986.
- b. NRC letter NRC/TMI 86-111, W. D. Travers to F. R. Standerfer, dated December 2, 1986.
- c. GPUN letter 4410-87-L-0012, F. R. Standerfer to Document Control Desk, Plasma Arc Cutting, dated January 20, 1987.
- d. NRC letter NRC/TMI 87-022, W. D. Travers to F. R. Standerfer, Plasma Arc Cutting, dated March 20, 1987.
- e. GPUN letter 4410-87-L-0067, F. R. Standerfer to USNRC Document Control Desk, Plasma Arc Cutting, dated May 7, 1987.
- f. GPUN letter 4410-87-L-0091, F. R. Standerfer to USNRC Document Control Desk, Plasma Arc Cutting, dated June 25, 1987.
- g. GPUN Engineering Change Authorization No. 3261-87-0488, Rev. 0, dated July 13, 1987.

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