

FEB 19 1971

H. L. Price, DR
C. K. Beck, DR
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S. H. Hanauer, DR
C. L. Henderson, DR
E. G. Case, DES
P. A. Morris, DEL
L. R. Rogers, REP

TASK FORCE MEETING, FEBRUARY 20, 1971

The attached document is provided to the Task Force in accordance with Dr. Hanauer's memorandum of February 19. This memorandum and its attachment represents the Division of Compliance's recommendation regarding the tendon inspection to be carried out at Turkey Point 3.

A. Giambusso
Deputy Director
Division of Compliance

Attachment:
Cpy memo, Low to Case, 2/12
w/Recommendation

cc: H. R. Denton
J. P. O'Reilly

*50-250 Incident
Operations*

8305190152 710319
PDR ADOCK 05000250
A PDR

OFFICE ▶	CO:ADTR	CO: ELH DD				
SURNAME ▶	LKornblith: gk	AGiambusso				
DATE ▶	2/19/71	2/19/71				

February 12, 1971

Edson G. Case, Director
Division of Reactor Standards

TURKEY POINT CONTAINMENT DOME REPAIR PROGRAM

This is to confirm our recommendation that a requirement for removal of six tendons for examination be included in Alternate Position No. 2 of your proposal dated February 9. Our recommendation is described in detail in the enclosure.

We have obtained from a major tendon supplier an estimate of the additional time required to remove and replace more than one tendon. The estimate is eight to 12 hours per additional tendon; therefore, we conclude that the extra time required is not significant in comparison to the increased assurance provided by additional tendon inspection.

AC for
Lawrence D. Low, Director
Division of Compliance

Enclosure:
Recommendation

cc w/encl:
C. K. Beck, DR
M. M. Mann, DR
S. H. Hanauer, DR
P. A. Morris, DRL

bcc: R. H. Engelken, w/encl

Dupe 8305190/43

Incidents

OFFICE ▶	CO:TSB	CO:TSB	CO:ADTP	CO:DDIR	CO:DIR	CO:ADISE
SURNAME ▶	<i>YB</i> JLBeratan:dm	<i>HRD</i> HRDenton	<i>LK</i> LKornblith	<i>AG</i> AGiambusso	<i>LD</i> LDLow	<i>RH</i> RHEngelken
DATE ▶	2/11/71	2/11/71	2/11/71	2/1/71	2/1/71	2/11/71

BASIS FOR TENDON REMOVAL AND INSPECTION

- A. The type and extent of damage inflicted on the tendon system and the limited insitu accessibility of the wires require a "proof" inspection to produce a high level of confidence. In-service inspection can supplement an effective QA program, but not replace it.

- B. It is Compliance's position that a minimum of six tendons be removed.
 1. Four selected tendons be removed before the concrete surface is hydro cleaned for the following reasons:
 - (a) To compare the actual number of damaged wires with the number reported by the insitu inspection.
 - (b) To determine the quantity of debris which got into the tendon sheaths.
 - (c) To determine how deeply the debris penetrated into the wire bundle.
 - (d) To qualitatively determine the quantity of water which may be present in the sheathing because of drill water or rain water infiltration.
 - (e) To see whether rusting or pitting of the wires has taken place.

 2. Two tendons be removed after the dome surface has been hydro cleaned by a 5000 psi spray.

- (a) To determine if a significant quantity of water has been trapped in the sheathing.
- (b) To determine if a significant quantity of grease has been washed off the wires.
- (c) To determine if partial grease blockage has occurred in the sheaths.
- (d) To determine if the hydro spray has washed the fine chips of concrete into the wire bundles.