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SUBJECT: Documents info presented at 830113 Independent Design Verification Program Meeting.Info replaces 821223 "Phase II Addl Sample & Addl Verification" draft interim technical rept,w/listed exceptions.

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January 18, 1983
5511-249

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Subject: DCNPP-IDVP: Additional Sample and Additional Verification - Phase II

Gentlemen:

TES letter 5511-240, dated December 23, 1982, transmitted a draft of an Interim Technical Report (ITR) entitled "Phase II Additional Sample and Additional Verification," (Draft ITR-224). Subsequent to the preparation of that draft, the Diablo Canyon Project (DCP) has responded to most of the Error or Open Item (EOI) reports on which the draft was based. This interchange was essentially completed at the DCP-IDVP meetings held in Boston on January 4-5, 1983 and the draft ITR contents were discussed at a DCP-IDVP meeting held in San Francisco on January 11, 1983. NRC staff attended both meetings and the Designated Other Parties were informed in accordance with IDVP procedures. The results of these efforts were summarized at the January 13, 1983 NRC-DCP-IDVP meeting and are documented by this letter. This letter replaces the draft ITR transmitted by 5511-240 except as referenced herein:

A. Required Additional Verification

Based upon these reviews, the IDVP has established that additional verification is required for four aspects included in the draft ITR. The concern is generally as defined by that draft, although the applicable EOI files may be reduced in number. In summary:

D013

Draft ITR	EOIs	Subject
3.1	8012, 8016 (DCP OI #30)	Redundancy of equipment and power supplies in shared (Units 1 and 2) safety-related systems.
3.2 (first area)	8009, 8010 8062	Selection of design pressure, temperature, and differential pressure across control valves.
3.5.1	8001-4, 8033-4	Environmental consequences of postulated pipe ruptures outside of containment.
6.4.1	7002	Jet impingement effects of postulated pipe ruptures inside containment.

B. Substitution of Additional Verification for Initial Sample

The Phase II program plans called for verification of mechanical aspects of samples chosen from the systems being considered by SWEC. Subsequently, the Diablo Canyon Project has included these considerations as a part of the DCP Phase I Corrective Action Program. That program clearly replaces the previous work with respect to piping and pipe supports and may (DCP to confirm) replace the previous work with respect to components, component supports, and rupture restraints.

C. Other Contents of Draft ITR on Additional Verification

All other subjects of possible additional verification considered by the draft ITR have been categorized either as contingent additional verification dependent on DCP responses to existing EOIs or the IDVP has determined that additional verification is not required. In particular:

(1) Additional Verification may be required based on DCP response - draft ITR 3.3 (first area), 3.4 (first area), 4.1, 6.2.1, 6.2.2, 6.2.4.1, and 6.2.4.2.

(2) Additional Verification probably will not be required based on DCP response - draft ITR 3.3 (second area), 3.4 (second area), 3.5.2, 4.2, 4.3, 6.1.2, 6.2.3.2, 6.2.4.3, 6.2.4.4, 6.2.6, 6.3, and 6.2.5.

(3) Additional Verification is not required based on IDVP determination for draft ITR 3.2 (second area), 5.1, 5.2, 5.3, 5.4, 6.1.1, and 6.2.3.1.

D. Definition of Phase II Additional Activities

In concept, the ITR identified as Draft ITR-224 was to identify the additional activities to be conducted within the IDVP and the ITR identified as Draft ITR-225 was to define the IDVP verification of Phase II related efforts being conducted within the DCP. Together, these two ITRs would completely define the additional sample and additional verification considered to be required by the IDVP in conformance with the approved Phase II program plans.

The draft of Draft ITR-224 transmitted by 5511-240 was an early attempt to define the required activities without separation into these two types of IDVP activity. That initial draft was for purpose of discussion, and is no longer valid. Based upon the conclusions to date with respect to the required additional Phase II activities, all of the activities required (as defined by previous paragraphs A and B) will be performed by the DCP and be subject to IDVP verification. The DCP was committed to provide a written description of their activities to the IDVP this week. After review to assure that the DCP plans are responsive to IDVP needs, the IDVP will define the manner by which this work is to be verified. This definition is equivalent to the document previously identified as Draft ITR-225, although it may be convenient for the IDVP to issue two ITRs, one covering the aspects included in "A" and to be performed by SWEC and the other covering the aspects included in "B" and to be performed by RLCA.

If activities in addition to those included in "A" and "B" are required, the IDVP will determine whether the work is to be done by verification of DCP activities or is to be done solely within the IDVP. If the former, the ITR identified in the proceeding paragraph will be revised to include the additional work. If the work is to be done solely within the IDVP, a new ITR will be prepared and will be identified as Draft ITR-224.

Very truly yours,

TELEDYNE ENGINEERING SERVICES

W. E. Cooper

William E. Cooper
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