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Vice President

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U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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Gentlemen:

ULNRC-1577

DOCKET NUMBER 50-483

CALLAWAY PLANT

SAFETY-RELATED MOTOR-OPERATED VALVE PROGRAM

- References:
- 1) ULNRC-1387 dated October 17, 1986
 - 2) C. E. Norelius letter to D. F. Schnell dated February 19, 1987
 - 3) ULNRC-1456 dated March 5, 1987
 - 4) C. E. Norelius letter to D. F. Schnell dated May 7, 1987
 - 5) ULNRC-1523 dated June 10, 1987

Reference 5 transmitted the Union Electric response to I & E Bulletin 85-03 which documented the MOVATS safety-related motor-operated valve (MOV) program. The attachment to this letter provides clarifications to this program and should be considered an appurtenance to the June 10, 1987 submittal.

If you have any questions, please contact us.

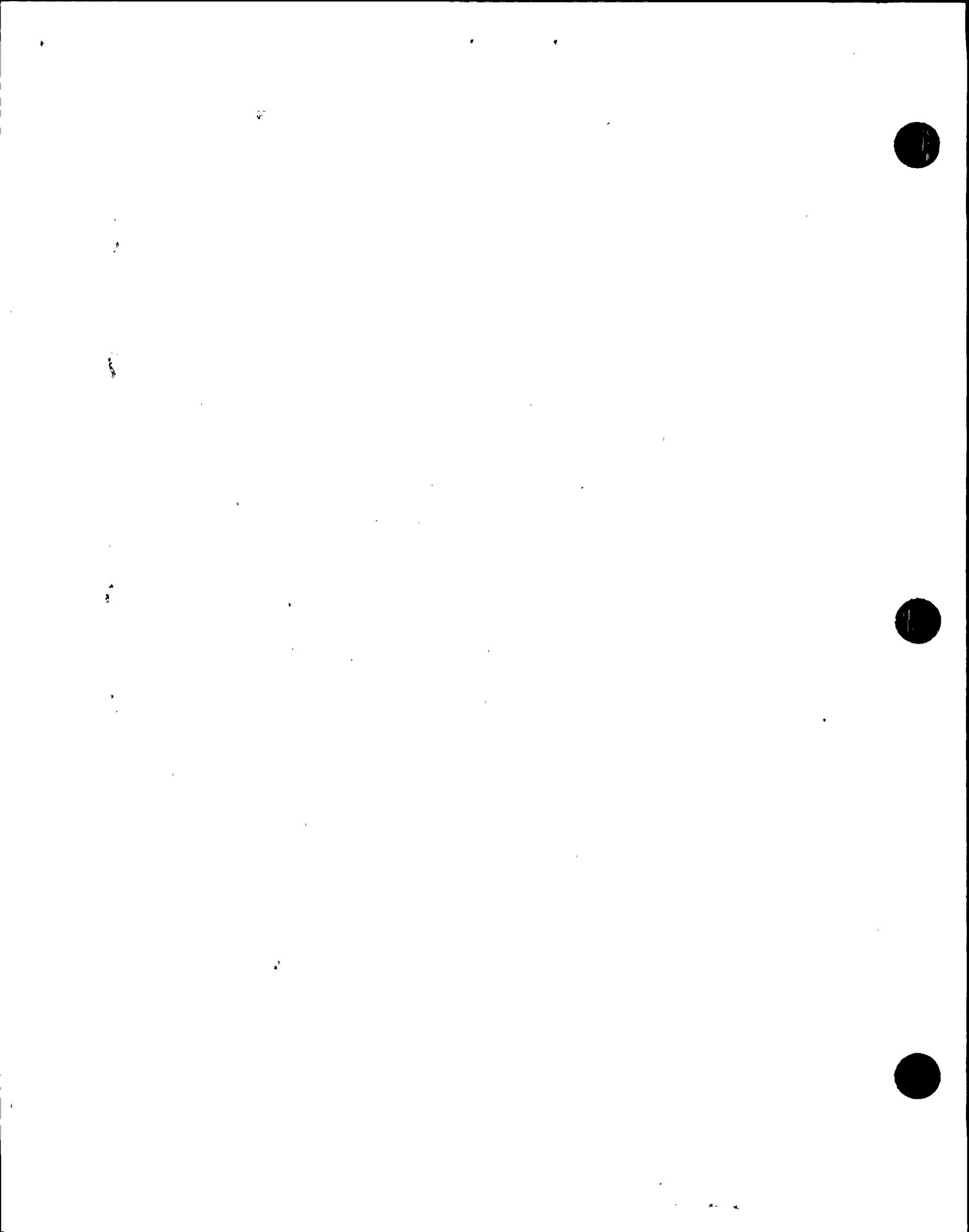
Very truly yours,

Donald F. Schnell

WEK/lad

Attachment

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ATTACHMENT TO ULNRC-1577
CALLAWAY PLANT
SAFETY-RELATED MOTOR-OPERATED VALVE PROGRAM

The following clarifications pertain to the Union Electric safety-related motor-operated valve program (ULNRC-1523 dated June 10, 1987) and should be considered when reviewing same.

- Clarification 1 Enclosure 2, Attachment B, Sections II-A and II-E discuss the validation of the MOVATS valve equations which are used to develop switch settings. This validation process is considered accurate if pressure test data is provided by four valves of the same type and size or twenty valves of the same type. The definition of "type" as used in this submittal includes but is not limited to valve manufacturer.
- Clarification 2 Enclosure 2, Attachment B, Section II-C discusses the correct switch setting for the close-to-open torque bypass limit switch. This switch setting will be based on the percent of total valve stroke as measured from the point of disk motion (not stem motion, as previously submitted).
- Clarification 3 Enclosure 2, Attachment B, Table 2 is a listing of MOVATS Differential Pressure Test Data. An error exists in that the heading titled "Orifice Area" should be titled "Orifice Diameter".



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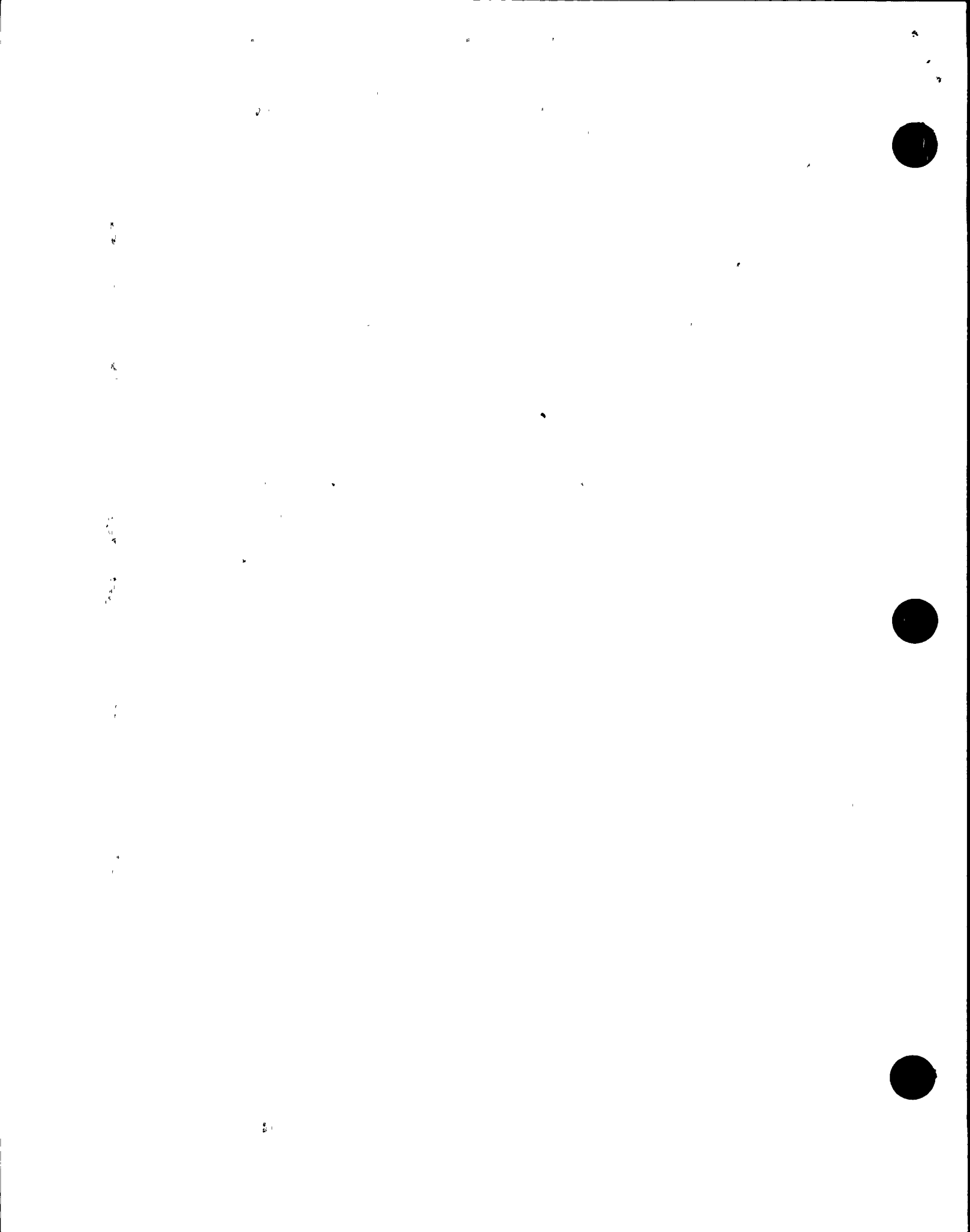
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