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 PARRISH, J.V. Washington Public Power Supply System
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SUBJECT: Informs NRC that requested hardware mods discussed within
 NRC Bulletin 93-03, action 3, has been installed in WNP-2 &
 placed into svc. W/encl.

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August 18, 1994
GO2-94-0197

Docket No. 50-397

U.S. Nuclear Regulatory Commission
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Gentlemen:

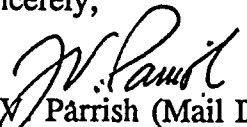
Subject: **WNP-2, OPERATING LICENSE NPF-21
SUPPLEMENTAL RESPONSE TO NRC BULLETIN 93-03**

- Reference: 1. Letter dated June 9, 1993, JV Parrish (SS) to NRC, "Response to NRC Bulletin 93-03."
2. Letter dated July 26, 1993, JV Parrish (SS) to NRC, "Response to NRC Bulletin 93-03."

The purpose of this letter is to inform you that the requested hardware modifications as discussed within NRC Bulletin 93-03, action No. 3, has been installed in WNP-2 and placed into service. The hardware installed to resolve this issue is discussed in Attachment A.

The Supply System considers this issue closed. If you have any further questions please contact me or Paul Bemis at (509) 377-4027.

Sincerely,


J. V. Parrish (Mail Drop 1023)
Assistant Managing Director, Operations

JRH/jap
Attachment

cc: LJ Callan - NRC RIV
KE Perkins, Jr. - NRC RIV, Walnut Creek Field Office
NS Reynolds - Winston & Strawn
NRC Sr. Resident Inspector - 927N

DL Williams - BPA/399
JW Clifford - NRC

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Journal of Management Education 30(6)

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ATTACHMENT A

DESIGN SCOPE SUMMARY

The backfill system, as shown in Figure 1, will provide flow which is adjustable from 1 to 4 lbs/hr to each of the five reactor vessel instrument reference legs in instrument racks P004, P005, P026, and P027. The system will provide gas free condensate from the control rod drive (CRD) system to a header supplying five separate control stations. Each control station is connected by tubing to a reference leg in the instrument rack. The control stations are wall mounted and consist of a low flow metal tube variable area flowmeter, a 15 micron sintered element filter, and associated isolation valves. There are two fine metering valves in series, for individual header flow control, located in each line at the instrument rack. An excess flow check valve at the CRD system tie-in and two-in-series check valves at the reference leg tie-in are utilized to prevent a loss of either the CRD system or level indication in the event of a catastrophic backfill system failure. A normally open solenoid valve activated on high temperature is installed in-line adjacent to instrument racks P004 and P027 to meet Final Safety Analysis Report Appendix R requirements. A purge system manifold and a coarse metering valve at the instrument racks have also been incorporated into the control station to provide the capability to purge each reference leg individually from the remote low radiation area as an ALARA consideration.



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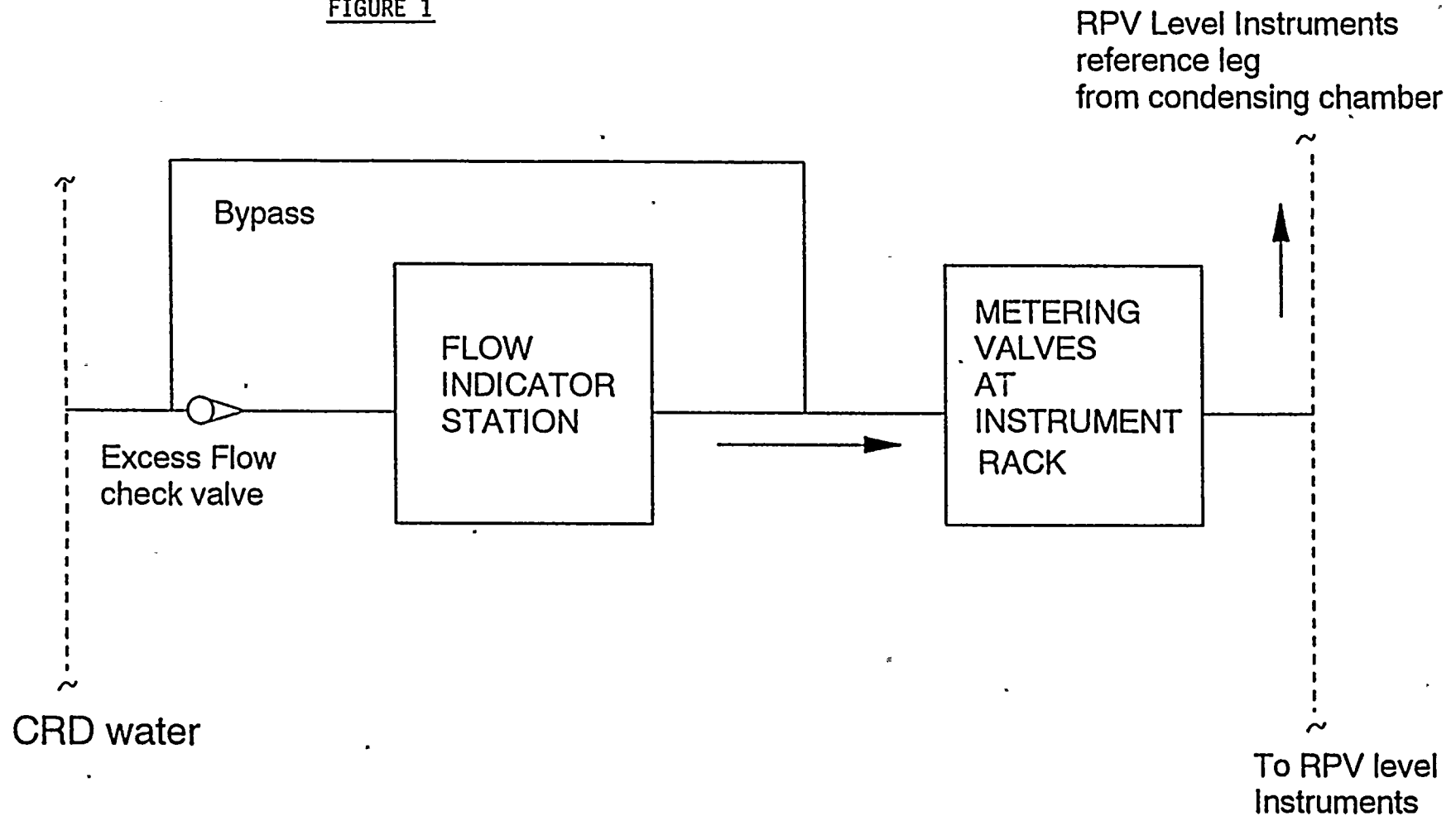
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RPV LEVEL INSTRUMENTATION
CONTINUOUS BACKFILL SIMPLIFIED DIAGRAM

FIGURE 1



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