



**CENTERIOR
ENERGY**

PERRY NUCLEAR POWER PLANT

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PY-CEI/NRR-1328 L

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Perry Nuclear Power Plant
Docket No. 50-440
Supplemental Response to
Generic Letter 89-13

Gentlemen:

Our letter PY-CEI/NRR-1121L, dated 1/26/90, provided the PNPP evaluation of potential service water system degradation mechanisms and plans to implement various water treatment, performance monitoring and inspection activities to assure safety functions are maintained.

Subsequent to that letter, we committed to a design change (PY-CEI/NRR-1211L, 8/21/90) which will provide safety-related backup cooling to the fuel pool heat exchangers using emergency service water (ESW). This design change affects one of the original GL 89-13 responses with respect to redundant and infrequently used ESW cooling loops (GL 89-13 Enclosure 1 item c). Additional piping, the fuel pool heat exchanger bypass line, will now remain in contact with ESW. The applicable periodic test instruction was revised to include this path in quarterly flow tests.

Please note that the fuel pool heat exchangers are normally cooled by Nuclear Closed Cooling (closed-loop) water, and that quarterly ESW flow tests will utilize a throttled heat exchanger bypass line to simulate the pressure drop across the heat exchanger in order to avoid any risk of biofouling heat transfer surfaces.

Otherwise, our responses and commitments remain as described in the original GL 89-13 response. Please feel free to call if you have any questions.

Sincerely,

Michael D. Lyster

MDL:WJE:njc

cc: NRC Project Manager
NRC Sr. Resident Inspector Office
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