



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management
Company LLC

December 15, 2000
NG-00-1986

Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station 0-P1-17
Washington, DC 20555-0001

Subject: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
“Clean Typed” Technical Specification Pages for Technical Specification
Change Request (TSCR-015)

Reference: NG-00-0863, dated June 9, 2000, letter from D. Wilson (IES) to NRC,
Technical Specification Change Request (TSCR-015): “Main Turbine
Bypass Valve Surveillance Test Frequency Reduction”

File: A-117

Dear Sir/Madam:

The reference submitted a proposed amendment to the Duane Arnold Energy Center (DAEC) Technical Specifications (TS). This amendment proposes to reduce the surveillance test frequency from 31 days to 92 days for the Main Turbine Bypass Valves in the DAEC TS Section 3.7.7.1.

The referenced submittal provided only “marked-up” copies of the TS and Bases pages showing the proposed changes. The attachment of this letter provides the “clean typed” pages of the revised TS and Bases pages.

A copy of this submittal is being forwarded to our appointed state official pursuant to 10 CFR Section 50.91. Should you have any questions regarding this matter, please contact this office.

This letter is true and accurate to the best of my knowledge and belief.

A001

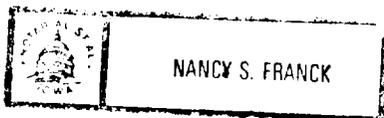
Nuclear Management Company, LLC.

By *Gary D. Van Middlesworth*
Gary D. VanMiddlesworth
Site General Manager

State of Iowa
(County) of Linn

Signed and sworn to before me on this 15th day of December, 2000,

by Gary D. Van Middlesworth



Nancy S. Franck
Notary Public in and for the State of Iowa

9-28-01

Commission Expires

Attachment: "Clean Typed" Technical Specification Pages for TSCR-015

cc: H. Tran (w/a)
M. Wadley (w/o)
Docu (w/a)

B. Mozafari (NRC-NRR) (w/a)
J. Dyer (Region III) (w/a)
D. McGhee (State of Iowa) (w/a)
NRC Resident Office (w/a)

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.7.1	Verify one complete cycle of each main turbine bypass valve.	92 days
SR 3.7.7.2	Perform a system functional test.	24 months
SR 3.7.7.3	Verify the TURBINE BYPASS SYSTEM RESPONSE TIME is within limits.	24 months

BASES

ACTIONS
(continued)

B.1

If the Main Turbine Bypass System cannot be restored to OPERABLE status and the MCPR limits for an inoperable Main Turbine Bypass System are not applied, THERMAL POWER must be reduced to < 25% RTP. As discussed in the Applicability section, operation at < 25% RTP results in sufficient margin to the required limits, and the Main Turbine Bypass System is not required to protect fuel integrity during the Feedwater Controller Failure Maximum Demand transient. The 4 hour Completion Time is reasonable, based on operating experience, to reach the required unit conditions from full power conditions in an orderly manner and without challenging unit systems.

SURVEILLANCE
REQUIREMENTS

SR 3.7.7.1

Cycling each main turbine bypass valve through one complete cycle of full travel demonstrates that the valves are mechanically OPERABLE and will function when required. The 92 day Frequency is based on operating experience, is consistent with the procedural controls governing valve operation, and ensures correct valve positions. Operating experience has shown that these components usually pass the SR when performed at the 92 day Frequency. Therefore, the Frequency is acceptable from a reliability standpoint.

SR 3.7.7.2

The Main Turbine Bypass System is required to actuate automatically to perform its design function. This SR demonstrates that, with the required system initiation signals, the valves will actuate to their required position. The 24 month Frequency is based on the need to perform this Surveillance under the conditions that apply during a plant startup and because of the potential for an unplanned transient if the Surveillance were performed with the reactor at power. Operating experience has shown the 24 month Frequency, which is based on the refueling cycle, is acceptable from a reliability standpoint.

(continued)