

1. ~~Hayes~~
2. Davis
3. Rao Chan

August 31, 1987

MEMORANDUM FOR: Thomas A. Rehm, Assistant for Operations, OEDO
FROM: A. Bert Davis, Regional Administrator, Region III
SUBJECT: CONGRESSMAN MARKEY'S REQUEST REGARDING ADVERSE BACKFIT
COST-BENEFIT ANALYSIS (EDO CONTROL: 003120)
Reference: Letter from E. J. Markey to L. W. Zech, Jr., dated 8/14/87

The referenced request for information focussed on generic and plant specific backfits processed after September 20, 1985, which were rejected due to an adverse cost-benefit analysis. Region III has not processed any generic backfits. One plant specific backfit regarding the addition of a third diesel generator at the Prairie Island facility was rejected based on an adverse cost-benefit analysis.

Enclosed for your use is a memorandum describing the cost-benefit analysis for the Prairie Island backfit and the requested information in the specified format.

In Section C, "Summary," of the enclosed memorandum we referred to new accident probability statistics which were being developed for the Prairie Island facility. We have reevaluated this backfit value-impact analysis and have determined that there is no need for us to upgrade the analysis with the new data when it becomes available. The one to three orders of magnitude between the impact and value make it unlikely that refined accident probability statistics would affect the analysis results.

If you have any questions, please call Jack Grobe (FTS 388-5548).

A. Bert Davis
A. Bert Davis
Regional Administrator

Enclosure: As stated

cc w/enclosure:
S. Newberry, OEDO

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PDR FOIA
WEISS87-714 PDR

RIII
JA
Grobe/jr
8/27/87

RIII
Miller
Miller
8/27/87

RIII
NA
Norcia
8/31/87

RIII
JA
Paperiello
8/31/87

RIII
JA
Davis
8/31/87

B-23

REGION III CASES WHERE BACKFITS WERE REJECTED ON GROUNDS OF ADVERSE COST/BENEFIT ANALYSIS

Plans to
Address

Safety Significance

Date

Commission or
Staff Decision

Class of Plant

Description of
Issue

1. Generic

None

2. Plant Specific

Name of Plant

Prairie Island
currently has two
units. The addition
of a third diesel
generator would
improve electric
power reliability.

11/19/86

Region III Staff
Decision

Prairie Island

Addition of a
Diesel Generator

None

NRC GUIDANCE WHICH RELAXES GENERIC STANDARDS FOR NUCLEAR PLANTS

a. Regulations (list)

N/A

b. Regulatory Guides (list)

N/A

c. Standard Review Plans (list)

N/A