

AFFIDAVIT
OF
GORMAN L. REYNOLDS

STATE OF OHIO)
) SS
COUNTY OF CLERMONT)

I, Gorman L. Reynolds, aged 29, residing at Rt. 2, Box 69, Cseaman, County of Adams, Ohio, hereby state that I am a member of Millwright Local 1454; that I have been a journeyman Millwright for six years; that I worked for Reactor Control Inc. as Millwright general foreman at the Zimmer nuclear power station, Moscow, Ohio from October, 1978 to February, 1979; and that I have personal knowledge of the facts hereinafter related:

While working for Reactor Control Inc. (R.C.I.), my crew was required to clean metal shavings from control rod blades. These shavings were left by the manufacturer. We first took old cloths wrapped with a heavy gray tape and beat the sides of the blades to remove these shavings. We then ran a magnet along them followed by a machine shop vacuum cleaner and finally wiped them down with an acetone solution. Quality control inspectors employed by R.C.I. then ran a spot check on the blade conformity with a "go-no go gauge". Only about one third of the blades were checked.

In February, R.C.I. required my crew to do grinding on all the control rods (at the bottom of the blades) to remove an over-sized weld. Small metal fragments from the grinding went into the control rod blades by way of small holes running the length of them. When I informed R.C.I. engineers of this I was told that these fragments could clog the rods and to wipe them down with an acetone solution. I then told my super-

1345 170
7911190 535

visors that wiping with acetone alone did not get the shavings out. (The proper procedure for removing shavings was the procedure we initially used to remove those left by the manufacturer.) They inspected the rods and passed them anyway.

When we first started the cleaning after grinding, H. I. Crane, project manager for R.C.I., told me the job would last two weeks; it lasted two days. We were rushed through this job and it is to my knowledge that metal shavings still remain in the control rod blades. I saw them; reported them and R.C.I. passed inspection on them anyway.

Gorman L. Reynolds
Gorman L. Reynolds

The foregoing affidavit was sworn to and subscribed before me by Gorman L. Reynolds this 21 day of May, 1979.

Jawon Fichter
Notary Public

JAWON FICHTER, Attorney at Law
Notary Public
My Commission Expires 12/31/80
State of Ohio, Notary Public

1345 171

GENERAL ELECTRIC

ATTACHMENT B

NUCLEAR ENERGY

PROJECTS DIVISION

GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125

MC 682, (408) 925-3732

April 24, 1979

U. S. Nuclear Regulatory Commission
Division of Operating Reactors
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Paul S. Check
Division of Operating Reactors
Office of Nuclear Reactor Regulation

Gentlemen:

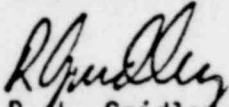
SUBJECT: RESPONSES TO NRC QUESTIONS ON CONTROL BLADE LIFE (B₄C
LOSS)

Reference: F. D. Coffman, Jr. to R. L. Gridley, telecopy of 4/6/79

Attached are the responses to the NRC questions to the referenced communication. These questions were informally transmitted to GE on April 6, 1979. A draft of the responses has been hand carried to you by R. O. Brugge on April 23, 1979. The attachment to this transmittal is the final form of the GE response.

If you have any further questions or comments on this subject, please contact R. O. Brugge of my staff on (408) 925-3360.

Respectfully,


R. L. Gridley, Manager
Operating Plant Licensing
Safety and Licensing Operation

RLG:gmm/102D

Attachment

cc: Mr. F. D. Coffman, Jr.
DOR/NRR

DUPLICATE DOCUMENT

1345 172
Entire document previously
entered into system under:

ANO 7904270374

No. of pages: 6

GENERAL ELECTRIC

ATTACHMENT C

NUCLEAR ENERGY
PROJECTS DIVISION

GENERAL ELECTRIC COMPANY, 175 CURTNER AVE., SAN JOSE, CALIFORNIA 95125
MC 682, (408) 925-3732

MFN-178-79
RLG-087-79

June 29, 1979

U. S. Nuclear Regulatory Commission
Division of Operating Reactors
Office of Nuclear Reactor Regulation
Washington, D. C. 20555

Attention: Mr. Paul S. Check
Division of Operating Reactors
Office of Nuclear Reactor Regulation

Gentlemen:

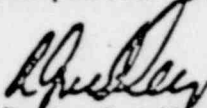
SUBJECT: RESPONSES TO NRC ADDITIONAL QUESTIONS ON CONTROL BLADE
LIFE (B₄C LOSS)

Reference: F. D. Coffman, Jr. to A. M. Ervin, telecopy of 6/15/79.

Attached are the responses to the NRC questions to the referenced communication.

If you have any further questions or comments on this subject, please contact R. O. Brugge of my staff on (408) 925-3360.

Respectfully,


R. L. Gridley, Manager
Operating Plant Licensing
Safety & Licensing Operating

RLG:sj/389

Attachment

cc: Mr. F. D. Coffman, Jr.
DOR/NRR

bcc:
R. C. Stirn

DUPLICATE DOCUMENT 1345 173
Entire document previously
entered into system under:
ANO 7907060287
No. of pages: 5