

NIAGARA  
MOHAWK

NMP-1086

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

January 30, 1979

Mr. Boyce H. Grier  
Director  
United States Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA. 19406

RE: Docket No. 50-220  
I.E. Bulletin 78-14

Dear Mr. Grier:


In response to I.E. Bulletin 78-14 dated December 19, 1978 for Nine Mile Point Nuclear Station Unit #1, the following information is provided.

During the 1975 Outage, the diaphragms in all of the scram pilot valves were replaced. Since that time, thirty-seven (37) additional diaphragms have been changed (See Attachment). The packaging date of these diaphragms is not known, but is known to be later than 1975. As for the Buna-N disc in the plunger assembly, none have either failed or changed out.

It has, therefore, been decided, on the basis of the review of the Buna-N materials applications, that all of the diaphragms and discs shall be changed out during the Spring 1979 Outage.

Besides this, a periodic maintenance program will be set up where one-third of the diaphragms and one-third of the discs will be replaced during every major refueling outage. The basis for this is that given a maximum cycle of two years, the time between replacement is a maximum of six years. General Electric has determined that service life of Buna-N materials is seven years, therefore, our proposed replacement schedule is valid.


Very truly yours,

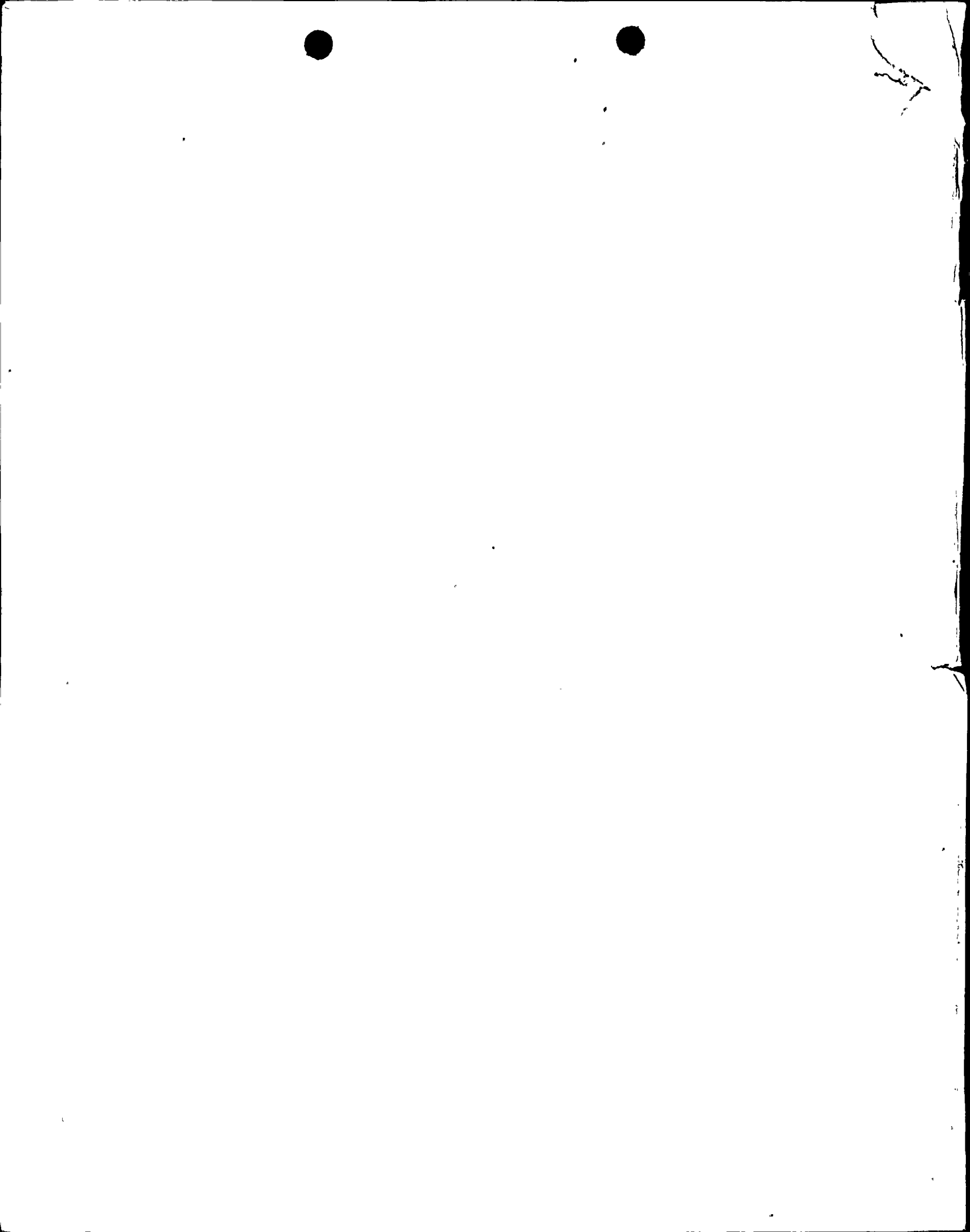
  
R.R. Schneider  
Vice President -  
Electric Production

ED/mtm

Attachment

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ATTACHMENT TO I.E. BULLETIN 78-14

1968-1975 Original diaphragms and pilot head assemblies

1975 Refueling Outage - Changed all diaphragms per SIL 128  
(All package in 1975)

1977 Refueling Outage - Changed diaphragms: (Package date  
1975 or later)

|       |       |       |
|-------|-------|-------|
| 26-47 | 18-27 | 30-39 |
| 18-51 | 14-15 | 34-35 |
| 10-31 | 22-23 | 34-03 |
| 38-15 | 14-27 |       |
| 18-11 | 22-19 |       |
| 06-39 | 26-23 |       |

1977 (Nov) Diaphragms: 14-39

1978 (Jan) Diaphragms:

|       |       |       |
|-------|-------|-------|
| 06-35 | 30-07 | 02-27 |
| 22-51 | 06-23 |       |
| 06-27 | 50-31 |       |
| 14-19 | 18-15 |       |
| 30-27 | 14-11 |       |

1978 (May) Diaphragms:

|       |
|-------|
| 26-51 |
| 14-23 |
| 26-27 |
| 10-19 |

1978 (Aug) Diaphragms:

|       |
|-------|
| 22-27 |
| 38-43 |

1978 (Sept) Diaphragms:

|       |       |
|-------|-------|
| 14-35 | 46-27 |
| 30-35 |       |
| 30-51 |       |

