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D. Vassallo

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M. Rushbrook  
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Docket Nos. STN 50-528/529/530

JUL 11 1979

Mr. E. E. Van Brunt, Jr.  
Vice President - Construction Projects  
Arizona Public Service Company  
P. O. Box 21666  
Phoenix, Arizona 85036

REGULATORY DOCKET FILE COPY

Dear Mr. Van Brunt:

SUBJECT: USE OF ASME CODE CASES ON PALO VERDE, UNITS 1, 2 AND 3

By letter dated May 7, 1979, you requested authorization to use the ASME Code Cases listed in your letter in the construction of Palo Verde Nuclear Generating Station Units 1, 2, and 3. We have completed our review of your request and the bases for approving the use of these code cases for Palo Verde, Units 1, 2 and 3 are provided as follows:

The following code cases have been approved by the Commission for general use and are included in Revision 15 of Regulatory Guide 1.84, dated May, 1979. Therefore, these code cases may be used in the construction of components.

<u>Code Case</u>	<u>Title</u>
1516-2	Welding of Seats or Minor Internal Permanent Attachments in Valves for Section III application
1677	Clarification of Flange Design Loads, Section III, Class 1, 2 and 3
1761-1	Use of SB-148 Alloy CA 954 Section III, Division 1, Class 3
N-142-1 (1774-1)	Minimum Wall Thickness for Class 2 and 3 Valves, Section III, Division 1

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JUL 11 1979

The following code cases have been approved by the Commission for general use and are included in Revision 15 of Regulatory Guide 1.85, dated May, 1979. Therefore, these code cases may be used in the construction of components.

<u>Code Case</u>	<u>Title</u>
-1335-9	Requirements for Bolting Materials, Section III
1634-2	Use of SB-359 for Section III, Division 1, Class 3 Construction
N-180	Examination of Springs for Class 1 Component Standard Supports, Section III, Division 1
N-188-1	Use of Welded Ni-Fe-Cr-Mo-Cu (Alloy 825) and Ni-Cr-Mo-Cb (Alloy 625) Tubing, Section III, Division 1, Class 2 and 3

Code Case N-38 (1567), dated March 3, 1973, "Testing Lots of Carbon and Low Alloy Steel Covered Electrodes, Section III" was annulled as the provisions of the code case were incorporated in the Summer 1977 Addenda to Section III of the Code. The code case was approved by the Commission for general use in Revision 0 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 13 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after January 1, 1978.

Code Case 1644-1, dated March 1, 1976, "Additional Materials for Component Supports and Alternate Design Requirements for Bolted Joints, Section III, Division 1, Subsection NF, Class 1, 2, 3, and MC Construction," was conditionally approved by the Commission for general use in Revision 7 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 9 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after August 13, 1976.

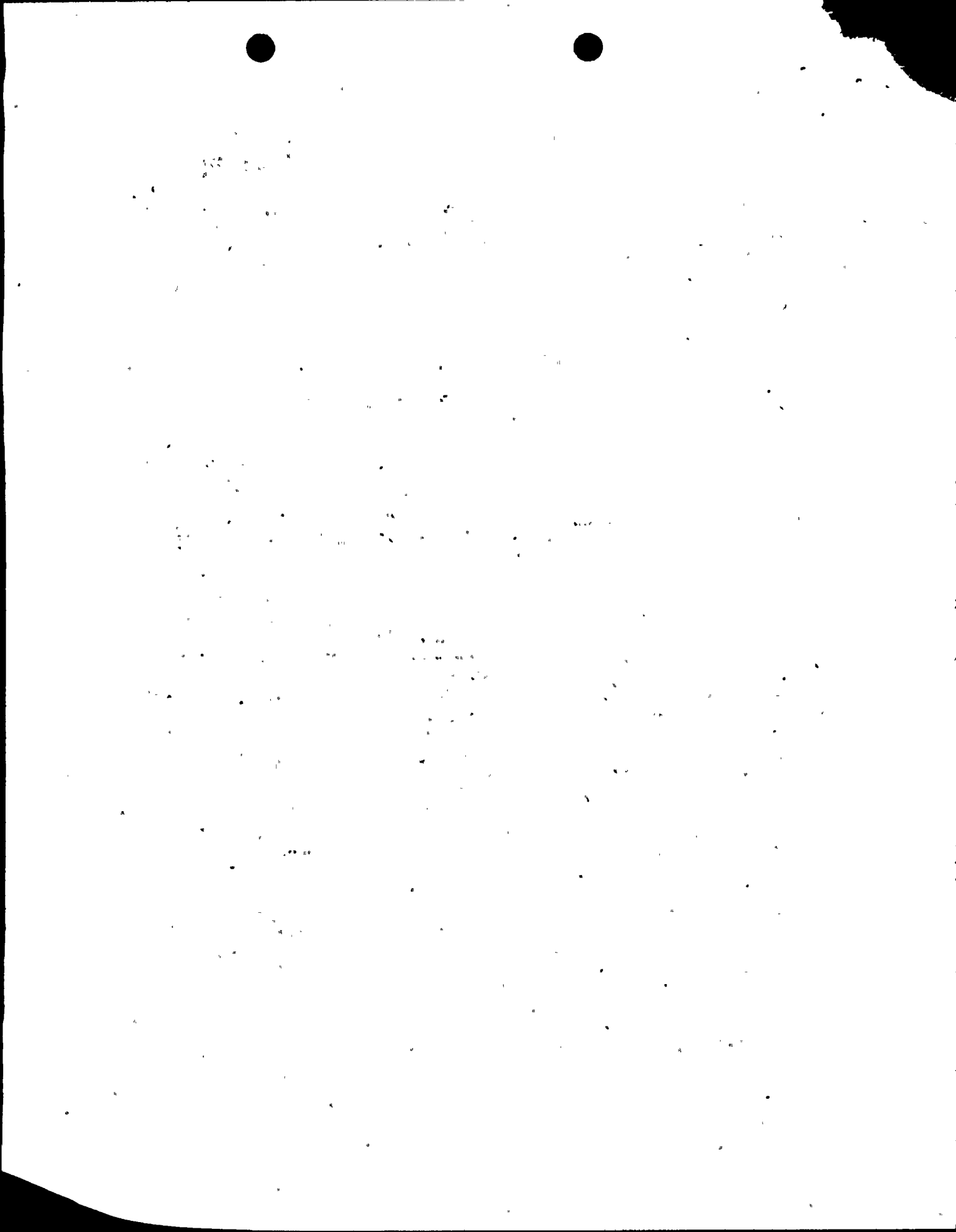
Similarly, Code Case N-71-7 (1644-7), dated November 21, 1977, was conditionally approved by the Commission for general use in Revision 13 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 14 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect

and approved by the Commission. The code case should not be used in the construction of components ordered on or after May 15, 1979.

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JUL 11 1979

Code Case N-96 (1702), dated June 30, 1975, "Flanged Valves Larger than 24 inches for Section III, Class 1, 2 and 3 Construction," was approved by the Commission for general use in Revision 4 of Regulatory Guide 1.84 and deleted from the list of acceptable code cases in Revision 12 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after July 11, 1977.

Code Case N-175 (1818), dated March 23, 1977, "Welded Joints in Component Standard Supports, Section III, Division 1," was conditionally approved by the Commission for general use in Revision 11 of Regulatory Guide 1.84. Therefore, the code case may be used in the construction of components subject to the additional conditions specified in the guide.

Code Case 1592-4, dated June 30, 1975, "Class 1 Components in Elevated Temperature Service, Section III," is an acceptable code case and may be used in the construction of components during the period the code case was in effect. The code case should not be used in the construction of components ordered on or after August 11, 1975.

Original Signed by  
O. D. Parr

Olan D. Parr, Chief  
Light Water Reactors Branch No. 3  
Division of Project Management

cc: See next page

*EAL* *ODP*

OFFICE >	LWR #3:LPM	LWR #3:BC				
SURNAME >	ELicitra/LLM	ODParr				
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JUL 11 1979

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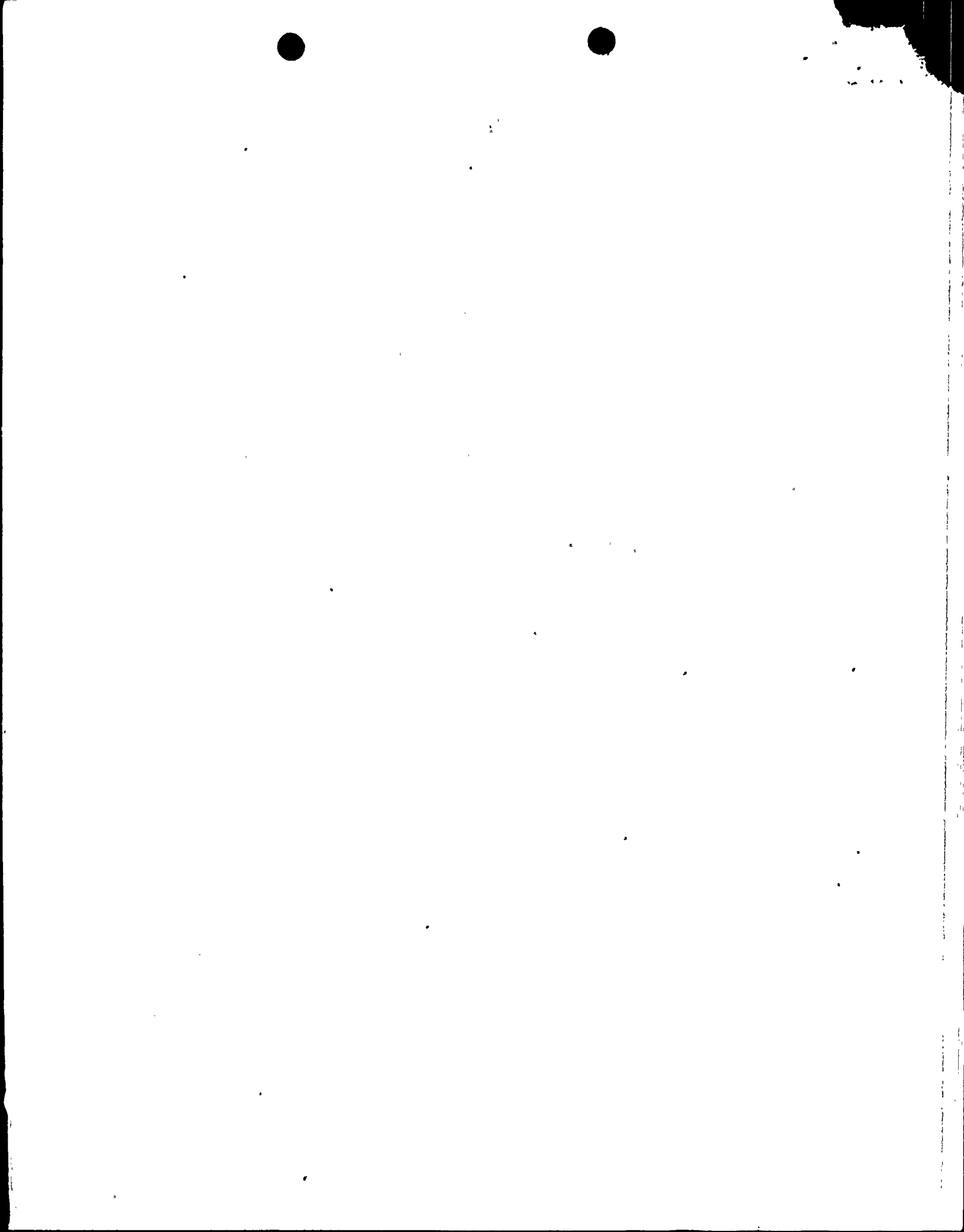
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cc: Arthur C. Gehr, Esq.  
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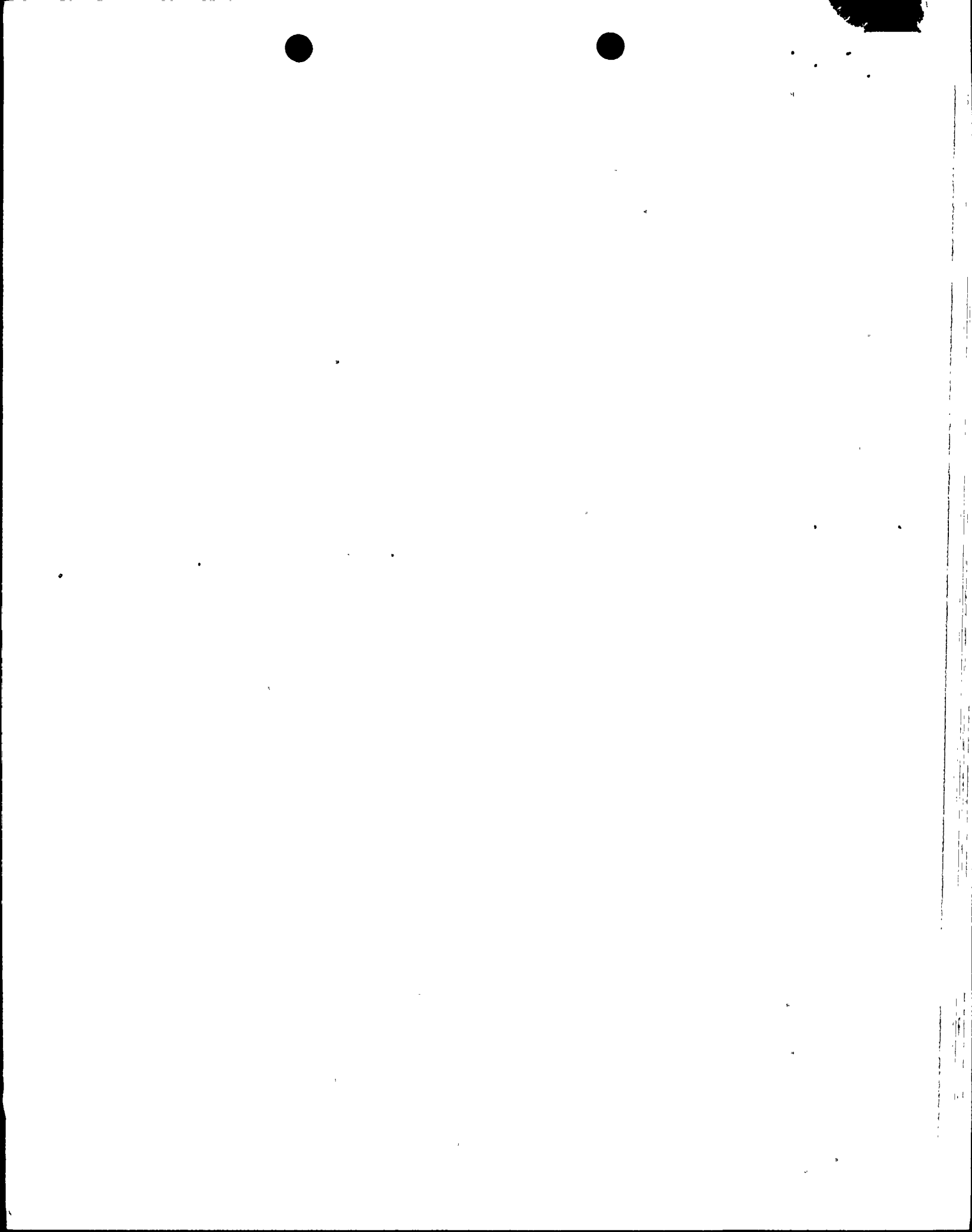
The following code cases have been approved by the Commission for general use and are included in Revision 15 of Regulatory Guide 1.84, dated May, 1979. Therefore, these code cases may be used in the construction of components.

<u>Code Case</u>	<u>Title</u>
1516-2	Welding of Seats or Minor Internal Permanent Attachments in Valves for Section III application
1677	Clarification of Flange Design Loads, Section III, Class 1, 2 and 3
1761-1	Use of SB-148 Alloy CA 954 Section III, Division 1, Class 3
N-142-1 (1774-1)	Minimum Wall Thickness for Class 2 and 3 Valves, Section III, Division 1

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The following code cases have been approved by the Commission for general use and are included in Revision 15 of Regulatory Guide 1.85, dated May, 1979. Therefore, these code cases may be used in the construction of components.

<u>Code Case</u>	<u>Title</u>
1335-9	Requirements for Bolting Materials, Section III
1634-2	Use of SB-359 for Section III, Division 1, Class 3 Construction
11-130	Examination of Springs for Class 1 Component Standard Supports, Section III, Division 1
11-183-1	Use of Welded Ni-Fe-Cr-Mo-Cu (Alloy 825) and Ni-Cr-Mo-Cb (Alloy 625) Tubing, Section III, Division 1, Class 2 and 3

Code Case 11-38 (1567), dated March 3, 1973, "Testing Lots of Carbon and Low Alloy Steel Covered Electrodes, Section III" was annulled as the provisions of the code case were incorporated in the Summer 1977 Addenda to Section III of the Code. The code case was approved by the Commission for general use in Revision 0 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 13 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after January 1, 1978.

Code Case 1644-1, dated March 1, 1976, "Additional Materials for Component Supports and Alternate Design Requirements for Bolted Joints, Section III, Division 1, Subsection NF, Class 1, 2, 3, and MC Construction," was conditionally approved by the Commission for general use in Revision 7 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 9 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after August 13, 1976.

Similarly, Code Case 11-71-7 (1644-7), dated November 21, 1977, was conditionally approved by the Commission for general use in Revision 13 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 14 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the

construction of components ordered on or after May 15, 1979.

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Mr. E. E. Van Brunt, Jr.

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JUL 11 1979

Code Case N-96 (1702), dated June 30, 1975, "Flanged Valves Larger than 24 inches for Section III, Class 1, 2 and 3 Construction," was approved by the Commission for general use in Revision 4 of Regulatory Guide 1.34 and deleted from the list of acceptable code cases in Revision 12 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after July 11, 1977.

Code Case N-175 (1813), dated March 23, 1977, "Welded Joints in Component Standard Supports, Section III, Division 1," was conditionally approved by the Commission for general use in Revision 11 of Regulatory Guide 1.34. Therefore, the code case may be used in the construction of components subject to the additional conditions specified in the guide.

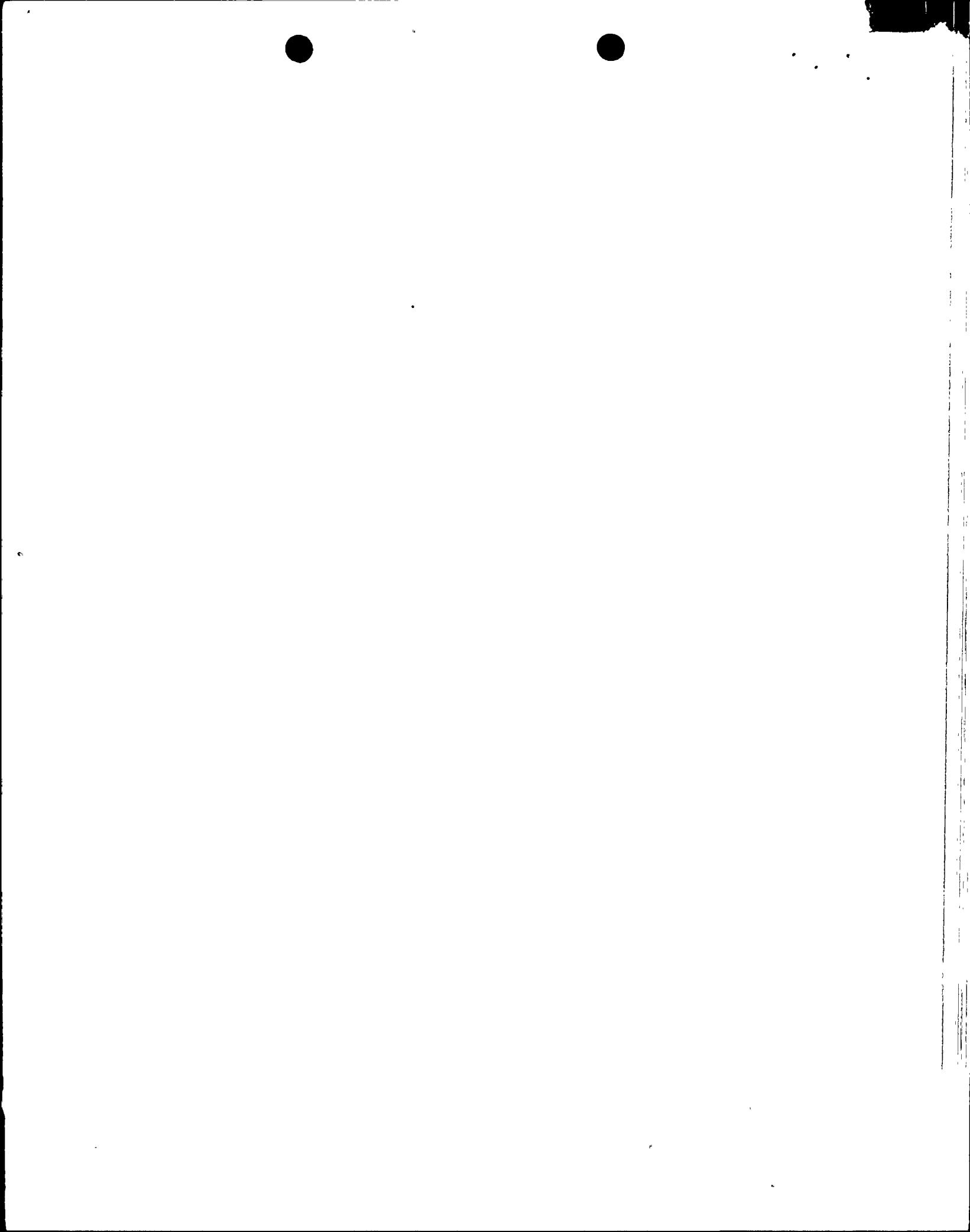
Code Case 1592-4, dated June 30, 1975, "Class 1 Components in Elevated Temperature Service, Section III," is an acceptable code case and may be used in the construction of components during the period the code case was in effect. The code case should not be used in the construction of components ordered on or after August 11, 1975.

Original Signed by  
Q. D. Parr

Olan D. Parr, Chief  
Light Water Reactors Branch No. 3  
Division of Project Management.

cc: See next page

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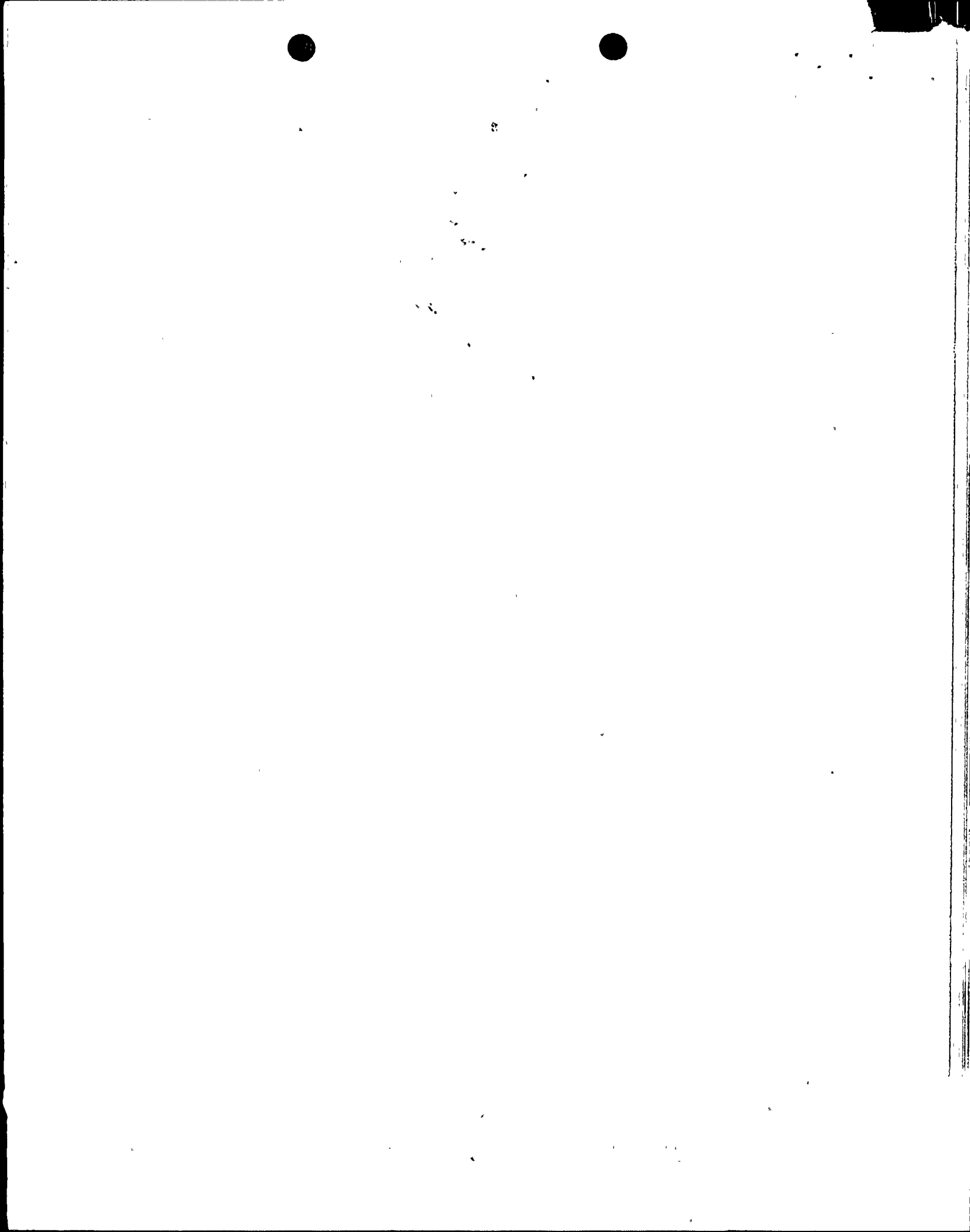
Mr. E. E. Van Brunt, Jr.

cc: Arthur C. Gehr, Esq.  
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Assistant Director Energy Programs (OEPAD)  
Office of the Governor  
1700 West Washington  
Executive Tower - Rm. 507  
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Mr. E. E. Van Brunt, Jr.

- 3 -

JUL 11 1979

Code Case N-96 (1702), dated June 30, 1975, "Flanged Valves Larger than 24 inches for Section III, Class 1, 2 and 3 Construction," was approved by the Commission for general use in Revision 4 of Regulatory Guide 1.34 and deleted from the list of acceptable code cases in Revision 12 of the guide. Therefore, the code case may be used in the construction of components during the period the code case was in effect and approved by the Commission. The code case should not be used in the construction of components ordered on or after July 11, 1977.

Code Case N-175 (1819), dated March 23, 1977, "Welded Joints in Component Standard Supports, Section III, Division 1," was conditionally approved by the Commission for general use in Revision 11 of Regulatory Guide 1.34. Therefore, the code case may be used in the construction of components subject to the additional conditions specified in the guide.

Code Case 1592-4, dated June 30, 1975, "Class 1 Components in Elevated Temperature Service, Section III," is an acceptable code case and may be used in the construction of components during the period the code case was in effect. The code case should not be used in the construction of components ordered on or after August 11, 1975.

Original Signed by  
Q. D. Parr

Olan D. Parr, Chief  
Light Water Reactors Branch No. 3  
Division of Project Management

cc: See next page

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Mr. E. E. Van Brunt, Jr.

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cc: Arthur C. Gehr, Esq.  
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3100 Valley Center  
Phoenix, Arizona 85073

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