

June 8, 1994

MEMORANDUM FOR: Dennis M. Crutchfield, Associate Director  
for Advanced Reactors and License Renewal  
Office of Nuclear Reactor Regulation

FROM: Scott F. Newberry, Director  
License Renewal and Environmental Review  
Project Directorate  
Associate Directorate for Advanced Reactors  
and License Renewal  
Office of Nuclear Reactor Regulation

SUBJECT: GENERIC SAFETY ISSUES, IMPLICATIONS FOR LICENSE RENEWAL  
(YELLOW TICKET 0940115)

By memorandum dated May 5, 1994, the Office of Nuclear Regulatory Research (RES) informed the Office of Nuclear Reactor Regulation (NRR) that the RES review of Generic Safety Issues (GSIs) prioritized and/or resolved between October 1990 and March 1994 relating to license renewal was completed. This review was performed at the request of NRR and is consistent with the license renewal rule statements of consideration which state that GSI resolution started or in progress after October 1990 would "...examine renewal-term effects as part of the original issue resolution process." RES recently modified the GSI resolution process to include consideration of license renewal term effects. All GSIs prioritized and/or resolved after March 1994 will be reviewed under this new process.

RES reviewed 84 GSIs prioritized and/or resolved between October 1990 and March 1994, and found that consideration of license renewal would not affect their prioritization or resolution. My staff has briefly reviewed RES's memorandum and finds it acceptable for license renewal.

Original signed by:

Scott F. Newberry, Director  
License Renewal and Environmental Review  
Project Directorate  
Associate Directorate for Advanced Reactors  
and License Renewal  
Office of Nuclear Reactor Regulation

cc: W. Russell  
F. Miraglia  
L. Reyes  
A. Thadani  
F. Gillespie

CONTACT:  
J. Moulton, PDLR/NRR  
504-1106

PDLR:LA	PDLR:PM	PDLR:SC	PDLR:R	ADAR:NRR
CNorsworthy	JMoulton	SReynolds	SNewberry	DCrutchfield
06/7/94	06/7/94	06/7/94	06/8/94	06/8/94

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*Newberry*

FROM: ORIGINAL DUE DT: 06/17/94 TICKET NO: 0940115  
DOC DT: 05/05/94  
NRR RCVD DATE: 05/24/94

E. ECKJORD, RES

TO:  
W. T. RUSSELL

~~Patricia~~  
*S. Reynolds*

FOR SIGNATURE OF : \*\* YEL \*\*

DESC: ROUTING:

LICENSE RENEWAL IMPLICATIONS OF GENERIC SAFETY  
ISSUES (GSI'S) PRIORITIZED AND/OR RESOLVED BETWEEN  
OCTOBER 1990 AND MARCH 1994

RUSSELL  
MIRAGLIA  
REYES  
THADANI  
GILLESPIE  
BOHRER

ASSIGNED TO: CONTACT:  
DAR CRUTCHFIELD

*Received 5/24/94*

ADDITIONAL INSTRUCTIONS OR REMARKS:

ACTION  
DUE TO NRR DIRECTOR'S OFFICE  
BY *June 14, 1994*

Please review the due date immediately:

If the due date does not allow adequate time, please contact  
Celeste Smyre on 504-1229, or E-mail(CDS) to request/revise a  
due date. The NRR mailroom is located in room 12G18.

Please do not hand carry concurrence packages to the Directors  
office without first going through the NRR mailroom.

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

YT-DMC

MAY 05 1994

MEMORANDUM FOR: William Russell, Director  
Office of Nuclear Reactor Regulation

FROM: Eric S. Beckjord, Director  
Office of Nuclear Regulatory Research

SUBJECT: LICENSE RENEWAL IMPLICATIONS OF GENERIC SAFETY ISSUES (GSIs)  
PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH  
1994

RES has completed its review of generic issue actions related to license renewal, as committed in my memorandum to you on March 23, 1994. Our comprehensive review of all GSIs prioritized and/or resolved up to October 1990 showed that consideration of a license renewal period of twenty years did not change the staff's resolution of these issues; this review was documented in NUREG/CR-5382. With the issuance of the Rule on Nuclear Power Plant License Renewal (56 FR 64943, December 13, 1991), GSI resolution efforts started or in progress after October 1990 were to "... examine renewal-term effects as part of the original issue resolution process."

RES has reviewed the 84 generic issues that were prioritized and/or resolved between October 1990 and March 1994 and found that the conclusions reached on the 80 GSIs will not change with the consideration of a license renewal period of twenty years. The remaining 4 issues were classified as non-safety issues with no impact on license renewal: three Licensing Issues (A-19, 147, 148) and one Regulatory Impact Issue (155.2). With respect to the prioritization of the issues, the reevaluation considered the additional 20-year license renewal term (an approximate factor of two increase in the potential risk reduction) and the revised prioritization guidelines proposed in SECY-93-108 and approved by the Commission. These guidelines raised the threshold for HIGH and MEDIUM priority GSIs. A summary of the RES findings on the 80 GSIs is listed in Enclosure 1 to this memorandum. Enclosure 2 provides a list of the 21 GSIs that have been through the resolution process.

It should be noted that the license renewal period was considered in the impact/value analyses for 6 of the 80 GSIs listed in Enclosure 1; an additional 6 GSIs are undergoing resolution and will have to address license renewal in accordance with RES Office Letter No. 3. However, in order to facilitate the NRR identification of GSIs for consideration in plant license renewal applications, RES will revise the Introduction of NUREG-0933 to reflect: (1) the findings of NUREG/CR-5382; and (2) the RES findings for those GSIs completed between October 1990 and March 1994. RES Office Letters No.


*Handwritten signature or initials*

William Russell

-2-

MAY 05 1994

1 and 3 have been revised to include a line item on license renewal and future prioritization evaluations and resolution regulatory analyses will more clearly state the impacts on license renewal.

  
Eric S. Beckjord, Director  
Nuclear Regulatory Research

Enclosures:

1. 80 GSIs Prioritized and/or Resolved  
Between October 1990 and March 1994
2. 21 GSIs Resolved Between October 1990  
and March 1994

cc: D. Crutchfield  
S. Newberry  
S. Reynolds  
M. Malsch  
J. Milhoan  
J. Moulton

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 2        Failure of Protective Devices on Essential Equipment  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category because of its negligible risk reduction potential. Consideration of license renewal did not change the priority of the issue.
- 24       Automatic ECCS Switchover to Recirculation  
License renewal was not considered in the MEDIUM priority ranking of this issue but, in accordance with RES Office Letter No. 3, will be addressed during resolution.
- 29       Bolting Degradation or Failure in Nuclear Power Plants  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with no backfit based on the actions taken by licensees to address the safety concern. Consideration of license renewal did not affect this resolution.
- 38       Potential Recirculation System Failure as a Consequence of Ingestion of Containment Paint Flakes or Other Fine Debris  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on a finding of insignificant risk in the plant analyses of Comanche Peak Units 1 and 2. Consideration of license renewal did not change the priority of the issue.
- 39       Potential for Unacceptable Interaction Between the CRD System and Non-Essential Control Air System  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the backfit that was made to address the safety concern, prior to prioritization. Consideration of license renewal did not change the priority of the issue.
- 73       Detached Thermal Sleeves  
License renewal was not considered in the prioritization of this issue which was placed in the NEARLY-RESOLVED category and then resolved with backfits to the affected Westinghouse plants. Consideration of license renewal did not affect this resolution.
- 76       Instrumentation and Control Power Interactions  
License renewal was considered in the prioritization of this issue which was placed in the DROP category.
- 78       Monitoring of Fatigue Transient Limits for Reactor Coolant System  
License renewal was not considered in the MEDIUM priority ranking of this issue. This issue will provide technical information to the overall resolution of the safety concern under Issue 166, for which NRR has the lead responsibility. Resolution of Issue 166 will consider license renewal.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 79 Unanalyzed Reactor Vessel Thermal Stress During Natural Convection  
Cooldown  
License renewal was not considered in the MEDIUM priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- 81 Impact of Locked Doors and Barriers on Plant and Personnel Safety  
License renewal was considered in the prioritization of this issue which was given a LOW priority ranking.
- 87 Failure of HPCI Steam Line Without Isolation  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with backfit. Consideration of license renewal did not affect this resolution.
- 89 Stiff Pipe Clamps  
License renewal was not considered in the LOW priority ranking of this issue for operating plants based on the potential risk reduction (2,500 man-rem) and the high cost of resolution (\$95.5M). Consideration of license renewal did not change the priority of the issue.
- 100 Once-Through Steam Generator Level  
License renewal was considered in the prioritization of this issue which was placed in the DROP category.
- 105 Interfacing Systems LOCA at LWRs  
License renewal was not considered in the HIGH priority ranking of this issue but was considered in the resolution which resulted in no backfit. Consideration of license renewal did not affect this resolution.
- 110 Equipment Protective Devices on Engineered Safety Features  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the potential risk reduction (negligible). Consideration of license renewal did not change the priority of the issue.
- 113 Dynamic Qualification Testing of Large Bore Hydraulic Snubbers  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- 118 Tendon Anchorage Failure  
License renewal was not considered in the prioritization of this issue which was placed in the RESOLVED category based on the voluntary actions taken by licensees to address the safety concern. Consideration of license renewal did not change the priority of the issue.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 120 On-Line Testability of Protection Systems  
License renewal was not considered in the MEDIUM priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- 121 Hydrogen Control for Large, Dry PWR Containments  
License renewal was not considered in HIGH priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- 123 Deficiencies in the Regulations Governing DBA and Single-Failure Criteria Suggested by the Davis-Besse Event of June 9, 1985  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concerns either had been or were being addressed in other GSIs or NRC programs. Consideration of license renewal did not change the priority of the issue.
- 128 Electrical Power Reliability  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with backfit. Consideration of license renewal did not affect this resolution.
- 130 Essential Service Water Pump Failures at Multiplant Sites  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with backfit. Consideration of license renewal did not affect this resolution.
- 132 RHR System Inside Containment  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the conclusion that the potential reduction in core damage frequency was not substantial enough to meet the Backfit Rule (10 CFR 50.109). Consideration of license renewal did not change the priority of the issue.
- 135 Steam Generator and Steam Line Overfill  
License renewal was not considered in the MEDIUM priority ranking of this issue which was resolved with no backfit based on the low public risk associated with steam generator tube rupture and steam line overfill events. Consideration of license renewal did not affect this resolution.
- 138 Deinerting of BWR MARK I and II Containments During Power Operations Upon Discovery of RCS Leakage or a Train of a Safety System Inoperable  
License renewal was considered in the LOW priority ranking of this issue.



80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 142      Leakage Through Electrical Isolators in Instrumentation Circuits  
License renewal was not considered in the MEDIUM priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- 143      Availability of Chilled Water Systems and Room Cooling  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- 144      Scram Without a Turbine/Generator Trip  
License renewal was not considered in the LOW priority ranking of this issue based on the potential risk reduction (52 man-rem). Consideration of license renewal did not change the priority of the issue.
- 145      Actions to Reduce Common Cause Failures  
License renewal was considered in the prioritization of this issue which was placed in the NEARLY-RESOLVED category. In accordance with RES Office Letter No. 3, license renewal will have to be addressed again in the resolution of the issue.
- 146      Support Flexibility of Equipment and Components  
License renewal was not considered in LOW priority ranking of this issue for operating plants based on the findings that the safety concern had been addressed in another GSI and an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 149      Adequacy of Fire Barriers  
License renewal was not considered in the LOW priority ranking of this issue based on the potential risk reduction (500 man-rem). Consideration of license renewal did not change the priority of the issue.
- 150      Overpressurization of Containment Penetrations  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the potential risk reduction (40 man-rem). Consideration of license renewal did not change the priority of the issue.
- 151      Reliability of Anticipated Transient Without SCRAM Recirculation Pump Trip in BWRs  
License renewal was not considered in the MEDIUM priority ranking of this issue which was resolved with no backfit; a more detailed analysis showed very little risk reduction potential. Consideration of license renewal did not affect this resolution.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 152      Design Basis for Valves That Might Be Subjected to Significant Blowdown Loads  
License renewal was not considered in the LOW priority ranking of this issue based on the potential risk reduction (110 man-rem). Consideration of license renewal did not change the priority of the issue.
- 153      Loss of Essential Service Water in LWRs  
License renewal was not considered in the HIGH priority ranking of this issue. However, license renewal was considered in the resolution of this issue which was resolved with no backfit.
- 154      Adequacy of Emergency and Essential Lighting  
License renewal was not considered in the LOW priority ranking of this issue based on the potential risk reduction (1,854 man-rem) and the high cost of resolution (\$18.75M). Consideration of license renewal did not change the priority of the issue.
- 155.1    More Realistic Source Term Assumptions  
This issue involves developing a new licensing basis source term to replace TID-14844. This new source term is being based on recent severe accident research findings. Accordingly, consideration of license renewal will not impact the resolution of this issue.
- 155.3    Improve Design Requirements for Nuclear Facilities  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the findings that the safety concerns either had negligible risk reduction potential or were addressed or being addressed in other NRC programs. Consideration of license renewal did not change the priority of the issue.
- 155.4    Improve Criticality Calculations  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 155.5    More Realistic Severe Reactor Accident Scenario  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed by an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 155.6    Improve Decontamination Regulations  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 155.7 Improve Decommissioning Regulations  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.1.1 Settlement of Foundations and Buried Equipment  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.1.2 Dam Integrity and Site Flooding  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.1.3 Site Hydrology and Ability to Withstand Floods  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.1.4 Industrial Hazards  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.1.5 Tornado Missiles  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.1.6 Turbine Missiles  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern had been previously addressed in Issue A-37 (evaluated in NUREG/CR-5382). Consideration of license renewal did not change the priority of the issue.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 156.2.1 Severe Weather Effects on Structures  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.2.2 Design Codes, Criteria, and Load Combinations  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.2.3 Containment Design and Inspection  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issue 118 (evaluated above). Consideration of license renewal did not change the priority of the issue.
- 156.2.4 Seismic Design of Structures, Systems, and Components  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.3.1.1 Shutdown Systems  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.3.1.2 Electrical Instrumentation and Controls  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.3.2 Service and Cooling Water Systems  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issues 51 (evaluated in NUREG/CR-5382), and 130, 143, and 153 (evaluated above). Consideration of license renewal did not change the priority of the issue.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 156.3.3 Ventilation Systems  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issues 136 (evaluated in NUREG/CR-5382), 143 (evaluated above), and 83 and 106 (currently being resolved). Consideration of license renewal did not change the priority of the issue.
- 156.3.4 Isolation of High and Low Pressure Systems  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issue 105 (evaluated above). Consideration of license renewal did not change the priority of the issue.
- 156.3.5 Automatic ECCS Switchover  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issue 24 (evaluated above). Consideration of license renewal did not change the priority of the issue.
- 156.3.6.1 Emergency AC Power  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issues 128 (evaluated above) and B-56 (evaluated below). Consideration of license renewal did not change the priority of the issue.
- 156.3.6.2 Emergency DC Power  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was being addressed in an ongoing NRC program. Consideration of license renewal did not change the priority of the issue.
- 156.3.8 Shared Systems  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in Issues 43 and A-44 (evaluated in NUREG/CR-5382) and 130 (evaluated above). Consideration of license renewal did not change the priority of the issue.
- 156.4.1 RPS and ESFS Isolation  
License renewal was not considered in the prioritization of this issue which was incorporated into the resolution of Issue 142 (evaluated above). Consideration of license renewal did not change the priority of the issue.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 156.4.2     Testing of the RPS and ESFS  
License renewal was not considered in the prioritization of this issue which was incorporated into the resolution of Issue 120 (evaluated above). Consideration of license renewal did not change the priority of the issue.
- 157           Containment Performance  
License renewal was not considered in the prioritization of this issue which was placed in the RESOLVED category based on the finding that the safety concern was addressed in a completed NRC program. Consideration of license renewal did not change the priority of the issue.
- 158           Performance of Power-Operated Valves Under Design Basis Conditions  
License renewal was not considered in the MEDIUM priority ranking of this issue but, in accordance with RES Office Letter No. 3, will be addressed during resolution.
- 159           Qualification of Safety-Related Pumps While Running on Minimum Flow  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern had been addressed by Bulletin 88-04. Consideration of license renewal did not change the priority of the issue.
- 160           Spurious Actions of Instrumentation Upon Restoration of Power  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the potential risk reduction (4,320 man-rem) and the high cost of resolution (\$46M). Consideration of license renewal will only move the issue to a LOW priority ranking.
- 161           Use of Non-Safety-Related Power Supplies in Safety-Related Circuits  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was one of compliance with existing regulations. Consideration of license renewal did not change the priority of the issue.
- 162           Inadequate Technical Specifications for Shared Systems at Multiplant Sites When One Unit Is Shutdown  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in other NRC programs. Consideration of license renewal did not change the priority of the issue.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- 164      Neutron Fluence in Reactor Vessel  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the finding that the safety concern was addressed in other NRC programs. Consideration of license renewal did not change the priority of the issue.
- 165      Spring-Actuated Safety and Relief Valve Reliability  
License renewal was not considered in the HIGH priority ranking of this issue but, in accordance with RES Office Letter No. 3, will be addressed during resolution.
- 166      Adequacy of Fatigue Life of Metal Components  
License renewal was not considered in the prioritization of this issue which was placed in the NEARLY-RESOLVED category. NRR has the lead responsibility for resolving this issue and would be expected to follow the Statement of Consideration in the License Renewal Rule (56 FR 64943) in considering license renewal during resolution.
- 168      Environmental Qualification of Electrical Equipment  
License renewal was not considered in the prioritization of this issue which was placed in the NEARLY-RESOLVED category. NRR has the lead responsibility for resolving this issue and would be expected to follow the Statement of Consideration in the License Renewal Rule (56 FR 64943) in considering license renewal during resolution.
- B-22      LWR Fuel  
License renewal was not considered in the prioritization of this issue which was placed in the DROP category based on the negligible risk reduction potential. Consideration of license renewal did not change the priority of the issue.
- B-56      Diesel Reliability  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with the issuance of Regulatory Guide 1.9, Rev. 3 and incorporation of diesel generator maintenance by the Maintenance Rule. Consideration of license renewal did not affect this resolution.
- HF4.4      Guidelines for Upgrading Other Procedures  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- HF5.1      Local Control Stations  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.

80 GSIs PRIORITIZED AND/OR RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994

- HF5.2 Review Criteria for Human Factors Aspects of Advanced Controls and Instrumentation  
License renewal was not considered in the HIGH priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- I.D.3 Safety System Status Monitoring  
License renewal was not considered in the MEDIUM priority ranking of this issue which was resolved with no backfit. Consideration of license renewal did not affect this resolution.
- II.J.4.1 Revise Deficiency Reporting Requirements  
License renewal was not considered in the prioritization of this issue which was placed in the NEARLY-RESOLVED category and resolved with no backfit; procedure changes do not qualify as backfit. Consideration of license renewal did not affect this resolution.



21 GSIs RESOLVED BETWEEN OCTOBER 1990 AND MARCH 1994  
(SEE TITLES IN ENCLOSURE 1)

29  
73  
79  
87  
105  
113  
120  
121  
128  
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153  
B-56  
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