Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

November 15, 1994

Office of Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, DC 20555

Attn: Document Control Desk

Subject Braidwood Station Units 1 and 2
Byron Station Units 1 and 2
Dresden Station Units 2 and 3
LaSalle Station Units 1 and 2
Quad Cities Station Units 1 and 2
Zion Station Units 1 and 2

Status of Commonwealth Edison GL 89-10 Activities

Docket Nos. 50-454/455; 50-456/457;
50-237/249; 50-254/265;
50-295/304; 50-373/374.

References:

1. L. O. DelGeorge (ComEd) to T. E. Murley (NRC), dated November 1, 1993.
2. G. F. Dick (NRC) to D. L. Farrar (ComEd), dated May 31, 1994.
3. R. E. Querio (ComEd) to USNRC, dated October 14, 1994.
4. J. E. Dyer (NRC) to L. O. DelGeorge (ComEd), dated September 9, 1993.
5. D. L. Taylor (ComEd) to USNRC, dated September 28, 1990.

In Reference 1, ComEd provided justification for our schedule for GL 89-10 activities at the request of the NRC. In that letter, ComEd committed to 4 specific actions to address the NRC concerns with respect to the progress of ComEd's GL 89-10 response. These 4 commitments were:

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1) ComEd will perform a "deterministic/PRA" reprioritization ranking of GL 89-10 MOVs and perform margin reviews of all GL 89-10 MOVs for all 6 ComEd stations by 6/28/94. Appropriate corrective actions will be initiated, as necessary. The evaluations will be performed with best available information, including valve factors, as appropriate, equal to or greater than 0.5.

2) ComEd will perform remaining dynamic test activities, for the sites that require it (primarily LaSalle, Dresden, and Quad Cities) on a schedule guided by the results of the reprioritization efforts and the margin assessments.

3) ComEd will complete static testing for all GL 89-10 MOVs (except for the butterfly valve population) by the end of the 3rd refueling outage on each unit, commencing with the Spring 1991 outages.

4) ComEd will docket our plan for closure of GL 89-10 activities on the butterfly valve population, when available. ComEd expects that this will be in mid-1994.

In Reference 2, the NRC Staff provided their review of the ComEd submittal in Reference 1 and requested that ComEd submit the following information:

1) The method used for, and the results of, its reprioritization and margin reviews for all GL 89-10 MOVs (including those for which static tests will not be completed until the third refueling outage); and

2) ComEd's plan to complete GL 89-10 activities on the butterfly valve population.

The purpose of this letter is to respond to the NRC's request for information. The information is provided in 4 attachments. Attachment A provides a summary of the methods and results of the reprioritization and margin review effort for ComEd's MOV population. Attachment B provides a summary of ComEd's plan for completion of GL 89-10 activities on the butterfly valve population. Attachment C provides a summary snapshot of the status of all ComEd gate and globe valves as a result of the margin reviews. Attachment D provides similar

information for the butterfly valve population. The valve specific margin review information for each station is available onsite for NRC review during future inspection activities. The information is summarized here for information purposes only and has not been subjected to the same degree of independent review as the design margin calculations themselves.

Per the recommendations in GL 89-10, all licensees were requested to notify the NRC in writing, within 30 days, of the completion of baseline activities. ComEd has not yet completed baseline activities, as described in GL 89-10, at any of the 6 sites. Notification of the completion of these activities will be made on a site by site basis in the future.

Please direct any questions you have regarding this response to this office.

D. L. Farrar
Regulatory Services Manager

cc: W. Russell, Director, NRR
J. Martin, Regional Administrator, NRC Reg. III
G. Dick, Generic Issues Project Manager, NRR

ATTACHMENT A

MOV Reprioritization & Margin Review Effort

A. Deterministic/PRA Reprioritization of ComEd GL 89-10 MOVs

As committed to in Reference 1, ComEd performed a reprioritization of each station's GL 89-10 population using a deterministic/PRA approach. ComEd utilized an expert team to independently reprioritize the MOVs for each site. The teams were comprised of both onsite and offsite engineering and licensed personnel. The individual site PRA evaluations for MOVs were used as base input to the process. ComEd has performed independent PRAs for each site except for LaSalle. ComEd used the NRC sponsored Sandia National Laboratory's (SNL) PRA assessment for LaSalle. Note that ComEd has utilized the Sandia PRA assessment of LaSalle to meet our commitments to Generic Letter 88-20.

An expert team was used to independently reprioritize the MOVs for each site. The following is a summary of the reprioritization process:

1) **Risk Analysis** - Using Risk Increase Analysis methods, the fractional increase in Core Damage Frequency (CDF) for each modeled MOV was determined, assuming the MOV always failed. MOVs that were not modeled in the station specific PRAs were included in the deterministic evaluation. MOVs that were modeled in the station specific PRAs, but not included in the original population of Generic Letter 89-10 valves, were also included in the deterministic evaluation as discussed further in Section 3.

2) **Functional Analysis** - Using engineering judgment and/or operational knowledge and expertise, the MOVs associated with each plant system or safety function were grouped. This resulted in the valves being organized to assist the expert team in performing the deterministic evaluation. For instance, the following are examples of the appropriate PWR functional groups that were used:

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Steam Generator Cooling
ECCS Injection
ECCS Pump Minimum Flow
Cold/Hot Leg Recirculation
Service Water
PORVs
Containment Spray
Hydrogen Recombiner
Containment Isolation with Automatic Close Signal
Containment Isolation with No Automatic Close Signal
Reactor Coolant System

Note that if an MOV performs more than one function, the MOV was listed in the category of its most important safety function. Additionally, the following information was evaluated for each MOV:

Valve Number
Valve Function
Normal Position
Automatic Position
Automatic Position Signal Source
Manual Action
Event to Manual Reposition
% Risk Achievement

3) **Deterministic Evaluation** - The expert team evaluated the MOV Importance rankings. During the ranking, the impact of potential common cause failures and the actual mode of operation for individual MOVs was considered by the team in the final evaluation. One by one, starting with the first functional group, the MOVs were placed into one of the four safety significant categories: high, medium, low, and low-low. The MOVs in each safety significance category were then ranked from high to low. Finally, MOVs at the low end of one category and the high end of the next category were individually reviewed to determine if the MOVs had been ranked consistently. If appropriate, the MOVs were shifted to the next higher or lower category. The rankings of all GL 89-10 MOVs were then published as a draft report for use by the individual stations.

4) **Station Reconciliation** - As an additional step, ComEd is finalizing a station to station reconciliation of the results from the MOV reprioritization work. This reconciliation is to assure consistency between ComEd's sister plants. Some minor adjustments in the draft rankings of MOVs may be realized due to this reconciliation work.

Note that ComEd has not used the results from the reprioritization effort as the sole basis for removing MOVs from the GL 89-10 population at any site. A summary of the valve reprioritization at each of the 6 sites and the number of MOVs in each safety significance category is included below:

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B. Summary of ComEd MOV Reprioritization

Station	Total # Safety Related MOVs (# butter-flies)	# High Safety Significant MOVs	# Medium Safety Significant MOVs	# Low Safety Significant MOVs	# Low - Low Safety Significant MOVs
Byron	257 / (75)	36 / (2)	76 / (12)	92 / (14)	53 / (47)
Braidwood	237 / (55)	36 / (2)	64 / (0)	92 / (14)	45 / (39)
Zion	220 / (34)	40 / (0)	68 / (0)	84 / (28)	28 / (6)
Quad Cit-ies	160 / (0)	46 / (0)	34 / (0)	56 / (0)	24 / (0)
LaSalle	268 / (16)	22 / (0)	32 / (0)	108 / (12)	106 / (4)
Dresden	162 / (0)	34 / (0)	52 / (0)	28 / (0)	48 / (0)
ComEd Totals	1304 / (180)	214 / (4)	326 / (12)	460 / (68)	304 / (96)

ATTACHMENT A

C. MOV Margin Review

In mid 1993, ComEd initiated a comprehensive review of previous MOV static and dynamic tests. This review was performed to disposition the Liberty VOTES Part 21 issue, to reconcile operability issues on previous MOV diagnostic tests, and to provide a comprehensive database of MOV test information to initiate closure activities for GL 89-10. The data from this review of previous MOV diagnostic tests and the reprioritized ranking of the MOVs for each station were used by ComEd to complete the design margin review of all GL 89-10 MOVs. Included in the review were those MOVs not yet diagnostically tested.

Implementation of the margin review program provided ComEd with the following benefits:

MOVs with limited design margin were identified;

Design factors limiting optimal MOV performance were clearly evident; and

A process to prioritize remaining activities on ComEd's GL 89-10 population was implemented.

Best available information was used in the analysis including the database of ComEd MOV test data and some industry data. The data from the EPRI MOV Performance Prediction Program was also used, as appropriate.

The margin review process that ComEd has implemented for the gate and globe valve population is described in corporate engineering white paper, WP-129. A similar white paper, WP-158, was used for the butterfly valve population. Recently, LaSalle Station was requested by the NRC to docket specific technical justification for the use of various technical position white papers for evaluating MOV operability, including WP-129. Note that this justification was submitted to the NRC in Reference 3.

ComEd has determined that all GL 89-10 MOVs are either operable today based on the best available information or that corrective actions, consistent with NRC requirements, have been initiated where operability concerns exist. Where technical position white papers have been used to justify operability for a particular MOV, ComEd has determined that reasonable assurance exists that supports the determination that the MOV will perform its design basis function. Commitment #1 in Reference 1 is complete. All ComEd GL 89-10 MOVs have been reprioritized and margin assessments have been completed. Appropriate corrective actions have been initiated where necessary.

In response to the NRC request contained in Reference 2, Attachment C provides a summary snapshot of the status of all ComEd gate and globe valves as a result of the margin reviews. Attachment D provides similar information for the butterfly valve population. The margin classifications in Attachments C and D represent the limiting component of an MOV's design for the safety related function/direction of that MOV. For example, an MOV may have low margin in the open direction and high margin in the close direction. However, if the only safety related function of that MOV is to close, the valve may then be classified as a high margin valve. The margin classifications have been evaluated in accordance with the appropriate ComEd criteria and white papers.

The valve specific design margin review information for each station is available onsite for NRC review during future inspection activities. The information is summarized here for information purposes only and has not been subjected to the same degree of independent review as the design margin calculations themselves. Individual MOV status is subject to change as additional testing is completed by ComEd. The operability margin review program is intended to be a continuous process that allows ComEd to evaluate MOVs as new information is received.

D. Corrective Action Summary

ComEd has developed a corporate guidance document that describes the corrective action process to restore appropriate design margin to all GL 89-10 MOVs using the results of the margin assessments and valve reprioritizations. Some of the immediate or short term corrective actions are identified in Attachments C and D. The corrective action information in the attachments is not comprehensive, particularly for the lesser safety significant MOVs (low and low low categories). Individual sites are responsible for identifying and implementing appropriate corrective actions on their MOV population.

Restoration of design margin on MOVs will be performed consistent with the recommendations in GL 91-18 for Resolution of Degraded and Non-conforming Conditions and 10 CFR 50, Appendix B. ComEd will continue to focus resources on all MOVs with a priority on the safety significant population as future issues are identified. ComEd anticipates that the periodic verification plan for the GL 89-10 MOVs will also be prioritized and scheduled based on safety significance and available design margin. ComEd recognizes that the periodic verification plan must be communicated to NRC prior to closeout of GL 89-10.

ATTACHMENT A

E. Safety Significance

The net effect of the changes implemented in 1993 by ComEd for the MOV Program is that the entire population of GL 89-10 MOVs within the original recommendations of the generic letter have now been addressed and ComEd has provided reasonable assurance that all MOVs are operable or corrective action, consistent with the regulations, has been initiated. This reasonable assurance includes the aggressive disposition of operability issues on the population of MOVs that have not been diagnostically tested to date using sister valve and/or industry information. Adherence to ComEd's original commitment schedule to GL 89-10, as accepted by the NRC, would not have resulted in the scope of activities that have now been completed and the resultant net increase in confidence that the MOVs within the scope of ComEd's GL 89-10 Program will perform their intended safety function.

F. Summary

In summary, this attachment has provided a status of the commitments made in Reference 1 for ComEd's GL 89-10 Program along with the additional information requested by the NRC in Reference 2. The commitments in Reference 1 were made in response to the NRC's request for justification of ComEd's original GL 89-10 schedule. All 4 commitments in Reference 1 have been completed or are in process to be completed on schedule. As stated previously, the butterfly valve closure plan is included as Attachment B.

ATTACHMENT B

Butterfly Valve Closure Plan

A. Background

ComEd currently has 180 motor operated butterfly valves in its GL 89-10 Program at 4 sites; Byron (75) , Braidwood (55), Zion (34), and LaSalle (16). There are no butterfly valves in the GL 89-10 scope at Quad Cities and Dresden Stations. The motor operated valve manufacturers consist of; Neles-Jamesbury, Posi-Seal, Fisher, Enertech, and Henry Pratt.

B. Margin Review

Using the most recent EPRI Performance Prediction Program data, vendor and/or industry information, and the safety significance prioritization rankings, ComEd has completed a comprehensive margin review for all GL 89-10 butterfly MOVs, similar to the margin review that was performed for all gate and globe valves discussed in Attachment A. The purpose of the margin review was to ensure the operability of each butterfly MOV and to provide a basis for prioritizing GL 89-10 activities. Best available information was used in the analysis including the EPRI Performance Prediction Program and some industry data, where appropriate.

All ComEd GL 89-10 Butterfly MOVs have now been classified on the basis of available design margin and safety significance. The margin review effort identified a few MOVs with no design margin and a number of MOVs with less than the desired design margin. Appropriate corrective actions were initiated.

C. Butterfly Valve Testing

ComEd has established a butterfly valve testing program which assures valve operability and complies with GL 89-10 requirements. This program has three major objectives:

verification of required torque design requirements;

verification of torque switch settings;

detection of conditions that could impair valve operability.

D. Diagnostic Testing

ComEd will diagnostically test all GL 89-10 butterfly MOVs using one or a combination of the following three methods:

1) Spring Pack Diagnostics:

This method provides a means of establishing and validating actuator torque output. Note that ComEd will require substantial margin for valves to be set up based on spring pack diagnostics alone. Motor current signature diagnostics would also typically be performed in conjunction with the spring pack testing. MOVs not meeting the established minimum criteria will be tested diagnostically with actuator torque and/or shaft torque measurements as discussed below.

2) Actuator Torque Diagnostics:

This method measures actuator output torque as a function of time and valve position in combination with motor current signature data. This testing allows direct comparison of required operating torques to actuator limits. In addition, certain design basis assumptions can be validated.

3) Valve Shaft Diagnostics:

This method measures valve shaft torque as a function of time and valve position in combination with motor current signature data. This testing allows direct comparison of required operating torque's to actuator limits. In addition, certain design basis assumptions can be validated.

E. Dynamic Testing

All safety significant (high and medium categories) butterfly MOVs will be dynamically tested where practicable. For the less safety significant MOV population (low and low-low categories), ComEd may elect to reduce some dynamic testing using the criteria outlined in GL 89-10, Supplement 6. Note that some dynamic testing on butterfly valves has been performed (or scheduled for the near term) at Byron and Braidwood Stations.

All test results will be evaluated for impact on design basis assumptions. ComEd is an active participant in a number of industry groups and will continue to incorporate lessons learned regarding butterfly valve performance. These groups include EPRI; MUG; Midwest Engineering Forum, MOV Subcommittee; and BWROG, Valve TRG.

F. Technical Positions

ComEd has completed a detailed evaluation of the design basis for each GL 89-10 butterfly valve. These analyses are supported by a number of technical positions developed to document the basis for assumptions and engineering judgment used. Technical positions have also been developed to provide the basis for testing methods and acceptance criteria. These technical positions are available for NRC review during future ComEd GL 89-10 inspection activities.

G. Schedule

All GL 89-10 butterfly valves will be setup based on the design basis calculations and tested in accordance with Section B of this attachment. These activities will be completed in accordance with the following schedule:

high and medium *safety significant* valves prior to the end of the 4th refueling cycle on each unit commencing with the Spring, 1991 refueling outages.
low and low-low *lesser safety significant* valves prior to the end of the 5th refueling cycle on each unit commencing with the Spring, 1991 refueling outages.
In Reference 1, ComEd notified the NRC that ComEd was not performing any diagnostic testing on butterfly valves until an appropriate method for that testing was determined. ComEd has now determined the appropriate methods for the testing. Based on the results of ComEd's MOV prioritization efforts for all 6 stations, the total number of safety significant butterfly MOVs is small. Byron has 14 and Braidwood has 2 (1 dP tested). However, as discussed in Attachment A, ComEd has confirmed the functionality of all butterfly valves in the GL 89-10 Program using best available information, including the safety significant butterfly valves. In addition, butterfly valve dP testing has been started at Byron and Braidwood Stations. The information gained from this butterfly valve testing will be evaluated for applicability on the sister valves in the plants.

For Zion Station, the entire population of 34 butterfly MOVs is currently classified in the low and low-low safety significant categories. In addition, all of these MOVs were diagnostically tested statically and setup prior to their installation in the plant in the Spring, 1994. A portion of the Zion butterfly MOVs will be dynamically tested. The focus of the dynamic testing will be to validate design assumptions for the entire population of butterfly valves at Zion.

For LaSalle Station, the 16 butterfly MOVs are classified in the low and low-low safety significant categories. No meaningful results from dynamically testing these MOVs with diagnostics can be achieved. However, all 16 MOVs will be setup using spring pack and motor current signature trace diagnostics. Capability evaluations have determined that all 16 MOVs have design margin. In addition, 8 of the 16 MOVs have been or will be subjected to flow testing at maximum achievable pressure and flow conditions. No additional GL 89-10 baseline activities are currently planned for the butterfly MOVs at LaSalle.

The summary results of the margin reviews for the entire population of butterfly MOVs at ComEd is included in Attachment D.

H. Tabulated Prioritization Summary and Schedule

A tabular summary of the number of butterfly MOVs in each category and the anticipated schedule follows:

Station	Total # Safety Sign. MOVs (high/med. split)	Scheduled Completion Date (4th outage)	Total # Non - Safety Sign. MOVs (low/low-low)	Scheduled Completion Date (5th outage)
Byron	14 (2/12)	Unit 1 - S 96 Unit 2 - F 96	61 (47/14)	Unit 1 - F 97 Unit 2 - S 98
Braidwood	2 (2/0)	Unit 1 - F 95 Unit 2 - S 96	53 (14/39)	Unit 1 - S 97 Unit 2 - F 97
LaSalle	0	N/A	16 (12/4)	Unit 1 - S97 Unit 2 - F97
Zion	0 (0/0)	N/A	34 (28/6)	Unit 1 - F 98 Unit 2 - F 99

I. Summary

This attachment has provided ComEd's plan for closure of GL 89-10 issues on the butterfly valve population. ComEd has confirmed the functionality of all butterfly MOVs in the GL 89-10 Program using best available information. Where operability concerns were identified, appropriate corrective actions, consistent with NRC requirements, were initiated. ComEd is implementing the plan as described here to validate/reaffirm the design assumptions for the butterfly valve population and close the initial baseline requirements of GL 89-10 for the butterfly valves. Testing, analysis, and corrective actions will be performed on a prioritized basis using the results of the margin assessments and the MOV safety significance rankings. Individual site implementation will be

available for NRC review during future GL 89-10 inspection activities.

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BRAIDWOOD	1AF006A	Low	Medium	MRT-O	0.500	GATE	Retest/ Reset TSS	
BRAIDWOOD	1AF006B	Low	Medium	MRT-O	0.500	GATE	Retest/ Reset TSS	
BRAIDWOOD	1AF013A	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013B	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013C	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013D	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013E	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013F	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013G	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF013H	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A1R05	
BRAIDWOOD	1AF017A	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	1AF017B	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	1CC685	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1CC9412A	High	Low	Seismic	0.400	GATE	pending	
BRAIDWOOD	1CC9412B	High	Low	MRT-C	0.491	GATE	pending	
BRAIDWOOD	1CC9413A	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	1CC9413B	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	1CC9414	Low	Medium	MRT-O	0.577	GATE		
BRAIDWOOD	1CC9415	Low	Medium	Seismic	0.400	GATE		
BRAIDWOOD	1CC9416	Low	Medium	MRT-O	0.797	GATE		
BRAIDWOOD	1CC9438	Low	Medium	MRT-O	1.065	GATE		
BRAIDWOOD	1CC9473A	Low	Medium	MRT-C	0.400	GATE		
BRAIDWOOD	1CC9473B	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	1CS001A	Medium	Medium	MRT-O	0.400	GATE		
BRAIDWOOD	1CS001B	Medium	Medium	MRT-O	0.400	GATE		
BRAIDWOOD	1CS007A	Medium	High	MRT-C	0.450	GATE		
BRAIDWOOD	1CS007B	Medium	High	MRT-C	0.450	GATE		
BRAIDWOOD	1CS009A	Medium	High	MRT-C	0.600	GATE		
BRAIDWOOD	1CS009B	Medium	High	MRT-C	0.600	GATE		
BRAIDWOOD	1CS019A	Medium	High	MRT-C	0.900	GATE		
BRAIDWOOD	1CS019B	Medium	High	MRT-C	0.900	GATE		
BRAIDWOOD	1CV112B	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1CV112C	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1CV112D	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1CV112E	High	High	MRT-C	0.550	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BRAIDWOOD	1CV8100	Low	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8104	Low	High	MRT-C	1.920	GLOBE		
BRAIDWOOD	1CV8105	Medium	High	MRT-C	0.600	GATE		
BRAIDWOOD	1CV8106	Medium	High	MRT-C	0.899	GATE		
BRAIDWOOD	1CV8110	Medium	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8111	Medium	Medium	MRT-C	1.301	GLOBE		
BRAIDWOOD	1CV8112	Low	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8355A	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8355B	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8355C	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8355D	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	1CV8804A	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1RH610	Low	High	MRT-C	1.600	GATE		
BRAIDWOOD	1RH611	Low	Medium	MRT-O	1.600	GATE	Retest/ Reset TSS	
BRAIDWOOD	1RH8701A	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	1RH8701B	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	1RH8702A	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	1RH8702B	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	1RH8716A	Medium	High	MRT-C	0.562	GATE		
BRAIDWOOD	1RH8716B	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	1RY8000A	High	High	MRT-C	0.600	GATE		
BRAIDWOOD	1RY8000B	High	High	MRT-C	0.600	GATE		
BRAIDWOOD	1SI8801A	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8801B	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8802A	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8802B	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8804B	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8806	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8807A	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8807B	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8808A	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	1SI8808B	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	1SI8808C	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	1SI8808D	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	1SI8809A	Medium	High	MRT-C	1.000	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BRAIDWOOD	1SI8809B	Medium	Medium	MRT-O	1.022	GATE		
BRAIDWOOD	1SI8811A	High	High	MRT-C	0.900	GATE		
BRAIDWOOD	1SI8811B	High	High	MRT-C	0.900	GATE		
BRAIDWOOD	1SI8812A	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8812B	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8813	High	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	1SI8814	High	High	MRT-C	1.238	GLOBE		
BRAIDWOOD	1SI8821A	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8821B	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8835	Low	Low	Seismic	0.550	GATE	Retest/Reset TSS	
BRAIDWOOD	1SI8840	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	1SI8920	High	High	MRT-C	1.200	GLOBE		
BRAIDWOOD	1SI8923A	Low Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8923B	Low Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	1SI8924	Low Low	High	MRT-C	0.757	GATE		
BRAIDWOOD	1WO006A	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	1WO006B	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	1WO020A	Low	Medium	MRT-O	0.400	GATE	Retest/ Reset TSS	
BRAIDWOOD	1WO020B	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	1WO056A	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	1WO056B	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	2AF006A	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	2AF006B	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	2AF013A	Medium	Low	MRT-C	1.100	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013B	Medium	High	MRT-C	0.954	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013C	Medium	Medium	MRT-C	0.979	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013D	Medium	Medium	MRT-C	0.885	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013E	Medium	None	MRT-C	1.184	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013F	Medium	Medium	MRT-C	1.100	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013G	Medium	Low	MRT-C	1.095	GLOBE	Mod Pending - A2R04	
BRAIDWOOD	2AF013H	Medium	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	2AF017A	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	2AF017B	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	2CC685	Low	Medium	MRT-C	0.450	GATE	Mod Pending - A2R04/Reset TSS	X
BRAIDWOOD	2CC9412A	High	Medium	MRT-C	0.388	GATE	pending	

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BRAIDWOOD	2CC9412B	High	Medium	MRT-C	0.400	GATE	pending	
BRAIDWOOD	2CC9413A	Low	High	MRT-C	0.400	GATE		
BRAIDWOOD	2CC9413B	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	2CC9414	Low	Medium	MRT-C	0.500	GATE		X
BRAIDWOOD	2CC9415	Low	Low	MRT-C	0.400	GATE	Retest/ Reset TSS	
BRAIDWOOD	2CC9416	Low	High	MRT-C	0.500	GATE		
BRAIDWOOD	2CC9438	Low	High	MRT-C	0.600	GATE		X
BRAIDWOOD	2CC9473A	Low	Medium	MRT-C	0.400	GATE		
BRAIDWOOD	2CC9473B	Low	Medium	MRT-C	0.400	GATE		
BRAIDWOOD	2CS001A	Medium	High	MRT-C	0.400	GATE		X
BRAIDWOOD	2CS001B	Medium	High	MRT-C	0.400	GATE		
BRAIDWOOD	2CS007A	Medium	Medium	MRT-C	0.450	GATE	Mod Pending - A2R04	X
BRAIDWOOD	2CS007B	Medium	Medium	MRT-C	0.450	GATE	Mod Pending - A2R04	X
BRAIDWOOD	2CS009A	Medium	High	MRT-C	0.600	GATE		
BRAIDWOOD	2CS009B	Medium	High	MRT-C	0.600	GATE		X
BRAIDWOOD	2CS019A	Medium	High	MRT-C	0.900	GATE		
BRAIDWOOD	2CS019B	Medium	High	MRT-C	0.900	GATE		
BRAIDWOOD	2CV112B	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	2CV112C	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	2CV112D	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	2CV112E	High	High	MRT-C	0.550	GATE		
BRAIDWOOD	2CV8100	Low	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8104	Low	High	MRT-C	1.864	GLOBE		
BRAIDWOOD	2CV8105	Medium	High	MRT-C	0.589	GATE		
BRAIDWOOD	2CV8106	Medium	High	MRT-C	0.599	GATE		
BRAIDWOOD	2CV8110	Medium	High	MRT-C	1.046	GLOBE		
BRAIDWOOD	2CV8111	Medium	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8112	Low	High	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8355A	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8355B	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8355C	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8355D	Low	Medium	MRT-C	1.100	GLOBE		
BRAIDWOOD	2CV8804A	High	High	MRT-C	0.550	GATE		X
BRAIDWOOD	2RH610	Low	Medium	MRT-C	1.662	GATE	Retest/ Reset TSS	
BRAIDWOOD	2RH611	Low	High	MRT-C	1.116	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BRAIDWOOD	2RH8701A	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	2RH8701B	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	2RH8702A	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	2RH8702B	Medium	High	MRT-C	1.000	GATE		
BRAIDWOOD	2RH8716A	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	2RH8716B	Medium	High	MRT-C	0.657	GATE		
BRAIDWOOD	2RY8000A	High	High	MRT-C	0.600	GATE		
BRAIDWOOD	2RY8000B	High	High	MRT-C	0.600	GATE		
BRAIDWOOD	2SI8801A	High	High	MRT-C	0.297	GATE		
BRAIDWOOD	2SI8801B	High	High	MRT-C	0.550	GATE		X
BRAIDWOOD	2SI8802A	Medium	High	MRT-C	0.268	GATE		
BRAIDWOOD	2SI8802B	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8804B	High	High	MRT-C	0.336	GATE		
BRAIDWOOD	2SI8806	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8807A	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8807B	Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8808A	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	2SI8808B	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	2SI8808C	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	2SI8808D	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	2SI8809A	Medium	High	MRT-C	0.303	GATE		
BRAIDWOOD	2SI8809B	Medium	High	MRT-C	1.258	GATE		
BRAIDWOOD	2SI8811A	High	High	MRT-C	0.900	GATE		X
BRAIDWOOD	2SI8811B	High	High	MRT-C	0.900	GATE		X
BRAIDWOOD	2SI8812A	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8812B	Medium	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8813	High	High	MRT-C	0.854	GLOBE		
BRAIDWOOD	2SI8814	High	High	MRT-C	0.774	GLOBE		
BRAIDWOOD	2SI8821A	Low	High	MRT-C	0.242	GATE		
BRAIDWOOD	2SI8821B	Low	High	MRT-C	0.397	GATE		
BRAIDWOOD	2SI8835	Low	High	MRT-C	0.238	GATE		
BRAIDWOOD	2SI8840	Low	High	MRT-C	1.000	GATE		
BRAIDWOOD	2SI8920	High	High	MRT-C	1.116	GLOBE		
BRAIDWOOD	2SI8923A	Low Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	2SI8923B	Low Low	High	MRT-C	0.550	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BRAIDWOOD	2SI8924	Low Low	High	MRT-C	0.550	GATE		
BRAIDWOOD	2WO006A	Low	High	MRT-C	0.400	GATE		X
BRAIDWOOD	2WO006B	Low	Medium	MRT-O	0.400	GATE	Retest/ Reset TSS	
BRAIDWOOD	2WO020A	Low	High	MRT-C	0.400	GATE		X
BRAIDWOOD	2WO020B	Low	Medium	MRT-O	0.400	GATE	Retest/ Reset TSS	
BRAIDWOOD	2WO056A	Low	High	MRT-C	0.350	GATE		
BRAIDWOOD	2WO056B	Low	High	MRT-C	0.275	GATE		
BYRON	1AF006A	Low	Medium	MRT-O	0.470	GATE		
BYRON	1AF006B	Low	Medium	MRT-O	0.470	GATE		
BYRON	1AF013A	Medium	High	WEAK-C	1.100	GLOBE		
BYRON	1AF013B	Medium	High	MRT-O	1.100	GLOBE		
BYRON	1AF013C	Medium	High	MGC-C	1.100	GLOBE		
BYRON	1AF013D	Medium	High	MGC-C	1.100	GLOBE		
BYRON	1AF013E	Medium	High	MGC-C	1.100	GLOBE		
BYRON	1AF013F	Medium	High	MGC-C	1.100	GLOBE		
BYRON	1AF013G	Medium	High	MGC-C	1.100	GLOBE		
BYRON	1AF013H	Medium	High	MGC-C	1.100	GLOBE		
BYRON	1AF017A	Low	High	MRT-O	0.470	GATE		
BYRON	1AF017B	Low	High	MGC-C	0.470	GATE		
BYRON	1CC685	Low	High	MRT-C	0.550	GATE		
BYRON	1CC9412A	High	Medium	MRT-O	0.500	GATE		
BYRON	1CC9412B	High	Low	MRT-C	0.500	GATE	Pending Evaluation	
BYRON	1CC9413A	Low	High	MRT-C	0.614	GATE		
BYRON	1CC9413B	Low	Low	MRT-C	0.600	GATE	Retest/ Reset TSS	
BYRON	1CC9414	Low	Medium	MRT-C	0.795	GATE		
BYRON	1CC9415	Low	High	MRT-C	0.500	GATE		
BYRON	1CC9416	Low	High	SEISMIC	0.661	GATE		
BYRON	1CC9438	Low	High	MRT-C	0.803	GATE		
BYRON	1CC9473A	Low	Medium	MRT-C	0.500	GATE		
BYRON	1CC9473B	Low	Medium	SEISMIC	0.500	GATE		
BYRON	1CS001A	Medium	High	MRT-O	0.360	GATE		
BYRON	1CS001B	Medium	High	MRT-O	0.360	GATE		
BYRON	1CS007A	Medium	High	MRT-O	0.540	GATE		
BYRON	1CS007B	Medium	High	MRT-O	0.540	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BYRON	1CS009A	Medium	Medium	MRT-C	0.500	GATE		
BYRON	1CS009B	Medium	High	MRT-O	0.500	GATE		
BYRON	1CS019A	Medium	High	SEISMIC	0.900	GATE		
BYRON	1CS019B	Medium	High	MRT-O	0.900	GATE		
BYRON	1CV112B	High	High	SEISMIC	0.550	GATE		
BYRON	1CV112C	High	High	MRT-O	0.550	GATE		
BYRON	1CV112D	High	High	MGC-C	0.550	GATE		
BYRON	1CV112E	High	High	MRT-O	0.550	GATE		
BYRON	1CV8100	Low	High	MGC-C	1.100	GLOBE		
BYRON	1CV8104	Low	High	MGC-C	1.100	GLOBE		
BYRON	1CV8105	Medium	High	SEISMIC	0.550	GATE		
BYRON	1CV8106	Medium	High	SEISMIC	0.645	GATE		
BYRON	1CV8110	Medium	High	MRT-C	1.100	GLOBE		
BYRON	1CV8111	Medium	High	MRT-C	1.100	GLOBE		
BYRON	1CV8112	Low	High	MGC-C	1.100	GLOBE		
BYRON	1CV8355A	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	1CV8355B	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	1CV8355C	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	1CV8355D	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	1CV8804A	High	High	SEISMIC	0.550	GATE		
BYRON	1RH610	Low	High	MRT-C	1.630	GATE		
BYRON	1RH611	Low	Medium	MRT-C	1.685	GATE		
BYRON	1RH8701A	Medium	High	SEISMIC	0.550	GATE		
BYRON	1RH8701B	Medium	High	SEISMIC	0.550	GATE		
BYRON	1RH8702A	Medium	High	SEISMIC	0.550	GATE		
BYRON	1RH8702B	Medium	High	SEISMIC	0.550	GATE		
BYRON	1RH8716A	Medium	High	SEISMIC	0.651	GATE		
BYRON	1RH8716B	Medium	High	SEISMIC	0.550	GATE		
BYRON	1RY8000A	High	High	MGC-C	0.550	GATE		
BYRON	1RY8000B	High	High	SEISMIC	0.550	GATE		
BYRON	1SI8801A	High	High	MRT-O	0.550	GATE		
BYRON	1SI8801B	High	High	MRT-O	0.550	GATE		
BYRON	1SI8802A	Medium	High	MRT-C	0.724	GATE		
BYRON	1SI8802B	Medium	Medium	MRT-O	0.642	GATE		
BYRON	1SI8804B	High	High	SEISMIC	0.550	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BYRON	1SI8806	Low	High	MGC-C	0.550	GATE		
BYRON	1SI8807A	Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8807B	Low	High	MRT-C	0.550	GATE		
BYRON	1SI8808A	Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8808B	Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8808C	Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8808D	Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8809A	Medium	High	SEISMIC	0.550	GATE		
BYRON	1SI8809B	Medium	High	SEISMIC	0.708	GATE		
BYRON	1SI8811A	High	High	MRT-C	0.900	GATE		
BYRON	1SI8811B	High	High	MRT-O	0.900	GATE		
BYRON	1SI8812A	Medium	High	SEISMIC	0.550	GATE		
BYRON	1SI8812B	Medium	High	SEISMIC	0.550	GATE		
BYRON	1SI8813	High	High	MGC-C	1.100	GLOBE		
BYRON	1SI8814	High	High	MGC-C	1.100	GLOBE		
BYRON	1SI8821A	Low	High	MRT-O	0.550	GATE		
BYRON	1SI8821B	Low	High	MRT-O	0.550	GATE		
BYRON	1SI8835	Low	High	WEAK-C	0.550	GATE		
BYRON	1SI8840	Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8920	High	High	MRT-C	1.100	GLOBE		
BYRON	1SI8923A	Low Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8923B	Low Low	High	SEISMIC	0.550	GATE		
BYRON	1SI8924	Low Low	High	SEISMIC	0.550	GATE		
BYRON	1WO006A	Low	High	MGC-C	0.440	GATE		
BYRON	1WO006B	Low	High	MRT-C	0.440	GATE		
BYRON	1WO020A	Low	High	MGC-C	0.440	GATE		
BYRON	1WO020B	Low	Medium	MRT-O	0.440	GATE		
BYRON	1WO056A	Low	High	MRT-O	0.380	GATE		
BYRON	1WO056B	Low	High	MRT-O	0.380	GATE		
BYRON	2AF006A	Low	None	MGC-C	0.470	GATE	Open Safety Function/Retest/Reset TSS	
BYRON	2AF006B	Low	Medium	MRT-O	0.470	GATE		
BYRON	2AF013A	Medium	Medium	MRT-C	1.100	GLOBE		
BYRON	2AF013B	Medium	Medium	MRT-C	1.100	GLOBE		
BYRON	2AF013C	Medium	Medium	MRT-C	1.100	GLOBE		
BYRON	2AF013D	Medium	Low	MRT-C	1.100	GLOBE	Mod Pending - B2R05	

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BYRON	2AF013E	Medium	Medium	MRT-C	1.118	GLOBE		
BYRON	2AF013F	Medium	Medium	MRT-C	1.100	GLOBE		
BYRON	2AF013G	Medium	Medium	MRT-C	1.100	GLOBE		
BYRON	2AF013H	Medium	Low	MRT-C	1.100	GLOBE	Mod Pending - B2R05	
BYRON	2AF017A	Low	Low	MRT-O	0.470	GATE	Retest/ Reset TSS	
BYRON	2AF017B	Low	None	MGC-C	0.470	GATE	Open Safety Function/Retest/Reset TSS	
BYRON	2CC685	Low	High	MRT-C	0.550	GATE		
BYRON	2CC9412A	High	Medium	MRT-C	0.429	GATE		
BYRON	2CC9412B	High	None	MRT-C	0.630	GATE	Open Safety Function/Valve Inspection	
BYRON	2CC9413A	Low	High	MGC-C	0.600	GATE		
BYRON	2CC9413B	Low	High	MRT-O	0.600	GATE		
BYRON	2CC9414	Low	High	MRT-O	0.644	GATE		
BYRON	2CC9415	Low	Medium	MRT-C	0.500	GATE		
BYRON	2CC9416	Low	Medium	SEISMIC	0.692	GATE		
BYRON	2CC9438	Low	Medium	MRT-C	0.500	GATE		
BYRON	2CC9473A	Low	High	MRT-O	0.500	GATE		
BYRON	2CC9473B	Low	Medium	MRT-C	0.500	GATE		
BYRON	2CS001A	Medium	Low	MRT-O	0.360	GATE	High COF/Retest/Reset TSS	
BYRON	2CS001B	Medium	Low	MGC-C	0.360	GATE	High COF/Retest/Reset TSS	
BYRON	2CS007A	Medium	None	MRT-O	0.540	GATE	Mod Pending - B2R05	X
BYRON	2CS007B	Medium	None	MRT-O	0.540	GATE	Mod pending - B2R05	X
BYRON	2CS009A	Medium	High	MRT-O	0.500	GATE		X
BYRON	2CS009B	Medium	Medium	MRT-O	0.500	GATE		X
BYRON	2CS019A	Medium	High	MRT-O	0.900	GATE		
BYRON	2CS019B	Medium	High	SEISMIC	0.900	GATE		
BYRON	2CV112B	High	High	SEISMIC	0.550	GATE		
BYRON	2CV112C	High	High	MRT-O	0.550	GATE		
BYRON	2CV112D	High	High	MGC-C	0.550	GATE		
BYRON	2CV112E	High	High	MGC-C	0.550	GATE		
BYRON	2CV8100	Low	High	MGC-C	1.100	GLOBE		
BYRON	2CV8104	Low	High	MGC-C	1.320	GLOBE		
BYRON	2CV8105	Medium	Medium	MRT-C	0.582	GATE		
BYRON	2CV8106	Medium	High	SEISMIC	0.550	GATE		
BYRON	2CV8110	Medium	High	MRT-C	1.100	GLOBE		
BYRON	2CV8111	Medium	High	MRT-C	1.100	GLOBE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BYRON	2CV8112	Low	High	MRT-C	1.100	GLOBE		X
BYRON	2CV8355A	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	2CV8355B	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	2CV8355C	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	2CV8355D	Low	Medium	MRT-C	1.100	GLOBE		
BYRON	2CV8804A	High	High	SEISMIC	0.550	GATE		
BYRON	2RH610	Low	Medium	MRT-C	1.125	GATE		
BYRON	2RH611	Low	Medium	MRT-C	1.121	GATE		
BYRON	2RH8701A	Medium	High	MRT-O	0.550	GATE		X
BYRON	2RH8701B	Medium	High	SEISMIC	0.550	GATE		
BYRON	2RH8702A	Medium	High	MRT-O	0.550	GATE		X
BYRON	2RH8702B	Medium	High	MRT-O	0.550	GATE		
BYRON	2RH8716A	Medium	High	MRT-C	0.550	GATE		
BYRON	2RH8716B	Medium	Medium	MRT-C	1.106	GATE		
BYRON	2RY8000A	High	High	SEISMIC	0.550	GATE		
BYRON	2RY8000B	High	High	SEISMIC	0.550	GATE		
BYRON	2SI8801A	High	High	MRT-O	0.550	GATE		
BYRON	2SI8801B	High	High	MRT-O	0.550	GATE		
BYRON	2SI8802A	Medium	High	MRT-O	0.550	GATE		
BYRON	2SI8802B	Medium	High	MRT-O	0.550	GATE		
BYRON	2SI8804B	High	High	SEISMIC	0.550	GATE		
BYRON	2SI8806	Low	High	MGC-C	0.550	GATE		
BYRON	2SI8807A	Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8807B	Low	High	MRT-O	0.550	GATE		X
BYRON	2SI8808A	Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8808B	Low	High	MRT-O	0.550	GATE		X
BYRON	2SI8808C	Low	High	MRT-O	0.550	GATE		
BYRON	2SI8808D	Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8809A	Medium	Medium	SEISMIC	0.819	GATE		
BYRON	2SI8809B	Medium	High	MRT-O	0.550	GATE		
BYRON	2SI8811A	High	High	MRT-O	0.900	GATE		X
BYRON	2SI8811B	High	High	SEISMIC	0.900	GATE		
BYRON	2SI8812A	Medium	High	SEISMIC	0.550	GATE		
BYRON	2SI8812B	Medium	High	SEISMIC	0.550	GATE		
BYRON	2SI8813	High	High	MGC-C	1.100	GLOBE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
BYRON	2SI8814	High	High	MRT-O	1.100	GLOBE		X
BYRON	2SI8821A	Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8821B	Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8835	Low	High	WEAK-C	0.550	GATE		
BYRON	2SI8840	Low	High	MRT-O	0.550	GATE		
BYRON	2SI8920	High	High	MGC-C	1.100	GLOBE		
BYRON	2SI8923A	Low Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8923B	Low Low	High	SEISMIC	0.550	GATE		
BYRON	2SI8924	Low Low	High	SEISMIC	0.585	GATE		
BYRON	2WO006A	Low	High	MGC-C	0.440	GATE		
BYRON	2WO006B	Low	High	MRT-O	0.440	GATE		
BYRON	2WO020A	Low	High	MRT-O	0.440	GATE		
BYRON	2WO020B	Low	Medium	MRT-C	0.440	GATE		
BYRON	2WO056A	Low	High	MGC-C	0.380	GATE		
BYRON	2WO056B	Low	High	MRT-O	0.380	GATE		
DRESDEN	2-0202-4A	Low Low	Medium	MRT-O	0.450	GATE		
DRESDEN	2-0202-4B	Low Low	Low	MRT-C	0.450	GATE	Reset TSS - D2R14	X
DRESDEN	2-0202-5A	High	Medium	MRT-O	0.450	GATE		
DRESDEN	2-0202-5B	High	Medium	MRT-O	0.450	GATE		
DRESDEN	2-0202-6A	Low Low	Low	MRT-C	0.000		OOS Motor Disconnected	
DRESDEN	2-0202-6B	Low Low	Low	MRT-C	0.000		OOS Motor Disconnected	
DRESDEN	2-0202-7A	Low Low	High	MRT-C	1.000	GATE		
DRESDEN	2-0202-7B	Low Low	High	MRT-C	1.000	GATE		
DRESDEN	2-0202-9A	Low Low	None	MGC-C	0.770	GATE	OOS Open; No Active S.F.	
DRESDEN	2-0202-9B	Low Low	None	MGC-C	0.770	GATE	OOS Open; No Active S.F.	
DRESDEN	2-0205-2-4	Low	Low	MRT-C	0.600	GATE	Mod Pending - D2R14	
DRESDEN	2-0220-1	Low Low	High	MRT-C	1.100	GLOBE		
DRESDEN	2-0220-2	Low Low	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1001-01A	Low	High	MRT-C	0.500	GATE		
DRESDEN	2-1001-01B	Low	High	MRT-C	0.500	GATE		
DRESDEN	2-1001-02A	Low	Medium	MRT-O	0.600	GATE		
DRESDEN	2-1001-02B	Low	High	MRT-C	0.600	GATE		
DRESDEN	2-1001-02C	Low Low	High	MRT-C	0.600	GATE	Reset TSS - D2R14	X
DRESDEN	2-1001-05A	Low	Medium	MRT-O	0.600	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
DRESDEN	2-1001-05B	Low	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1201-1	Medium	Low	MRT-C	0.600	GATE	Mod Pending - D2R14	
DRESDEN	2-1201-1A	Medium	High	MRT-C	1.100	GLOBE		X
DRESDEN	2-1201-2	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1201-3	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	2-1301-1	Medium	Medium	MRT-C	0.500	GATE		
DRESDEN	2-1301-10	Medium	High	MRT-C	1.000	GATE		
DRESDEN	2-1301-2	Medium	Low	MRT-C	0.500	GATE	Mod Pending - D2R14	
DRESDEN	2-1301-3	High	Low	MRT-C	0.500	GATE	Mod Pending - D2R14	
DRESDEN	2-1301-4	Medium	Low	MRT-C	0.500	GATE	Mod Pending - D2R14	
DRESDEN	2-1402-24A	Low	Medium	MRT-C	0.500	GATE		
DRESDEN	2-1402-24B	Low	Medium	MRT-C	0.500	GATE		
DRESDEN	2-1402-25A	High	Medium	MRT-C	0.500	GATE		
DRESDEN	2-1402-25B	High	High	MRT-C	0.500	GATE		
DRESDEN	2-1402-38A	Medium	Medium	Seismic	1.100	GLOBE		
DRESDEN	2-1402-38B	Medium	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1402-3A	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	2-1402-3B	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	2-1402-4A	Low	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1402-4B	Low	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-11A	High	High	MRT-C	0.600	GATE		
DRESDEN	2-1501-11B	High	High	MRT-C	0.600	GATE		
DRESDEN	2-1501-13A	Medium	High	MRT-C	0.612	GATE		
DRESDEN	2-1501-13B	Medium	High	MRT-C	0.696	GATE		
DRESDEN	2-1501-18A	Medium	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-18B	Medium	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-19A	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1501-19B	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1501-20A	High	Low	MRT-C	0.600	GATE	Valve Work - D2R14	
DRESDEN	2-1501-20B	High	Medium	MRT-C	0.436	GATE	Valve Work - D2R14	
DRESDEN	2-1501-21A	Medium	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-21B	Medium	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-22A	High	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1501-22B	High	Medium	MRT-O	0.600	GATE		
DRESDEN	2-1501-27A	Medium	Medium	MRT-C	0.600	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
DRESDEN	2-1501-27B	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1501-28A	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1501-28B	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	2-1501-32A	Low Low	Medium	MRT-O	0.600	GATE		
DRESDEN	2-1501-32B	Low Low	Medium	MRT-O	0.600	GATE		
DRESDEN	2-1501-38A	High	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-38B	High	High	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-3A	High	Medium	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-3B	High	Medium	MRT-C	1.100	GLOBE		
DRESDEN	2-1501-5A	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	2-1501-5B	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	2-1501-5C	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	2-1501-5D	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	2-1601-57	Low Low	High	MGC-C	1.100	GLOBE		X
DRESDEN	2-2301-10	Low	High	MRT-C	0.895	GATE		
DRESDEN	2-2301-14	Medium	Medium	MRT-C	1.100	GLOBE		
DRESDEN	2-2301-15	Low	None	MRT-C	0.605	GATE	Chron#0124540; No Active S.F., Mod Pending - D2R14	
DRESDEN	2-2301-3	High	High	MRT-C	0.600	GATE		
DRESDEN	2-2301-35	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	2-2301-36	Low Low	Medium	MRT-C	0.700	GATE		
DRESDEN	2-2301-4	Medium	None	MRT-C	1.000	GATE	See Chron#0300144/ Mod Pending - D2R14	
DRESDEN	2-2301-48	Medium	High	MRT-C	1.000	GATE		
DRESDEN	2-2301-49	Medium	High	MRT-C	1.000	GATE		
DRESDEN	2-2301-5	Medium	None	MRT-C	1.000	GATE	See Chron#0300144/ Mod Pending - D2R14	
DRESDEN	2-2301-6	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	2-2301-8	High	Medium	MRT-O	0.600	GATE		
DRESDEN	2-2301-9	Low	Medium	MRT-O	0.600	GATE		
DRESDEN	2-3702	Low Low	Medium	MRT-C	1.000	GATE		
DRESDEN	2-3703	Low Low	Medium	MRT-C	1.000	GATE		
DRESDEN	2-3706	Low Low	Low	MRT-C	1.000	GATE	Mod Pending	
DRESDEN	3-0202-4A	Low Low	High	MRT-C	0.450	GATE		
DRESDEN	3-0202-4B	Low Low	Medium	MRT-C	0.450	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
DRESDEN	3-0202-5A	High	Medium	MRT-O	0.450	GATE		
DRESDEN	3-0202-5B	High	Medium	MGC-C	0.450	GATE		
DRESDEN	3-0205-2-4	Low	High	MRT-C	0.600	GATE		
DRESDEN	3-0220-1	Low Low	Low	MRT-C	0.600	GATE		
DRESDEN	3-0220-2	Low Low	Low	Seismic	0.600	GATE		
DRESDEN	3-1001-01A	Low	Medium	MRT-O	0.600	GATE		
DRESDEN	3-1001-01B	Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1001-02A	Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1001-02B	Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1001-02C	Low Low	Medium	MRT-O	0.600	GATE		
DRESDEN	3-1001-05A	Low	High	MRT-C	0.558	GATE		
DRESDEN	3-1001-05B	Low	High	MRT-C	0.417	GATE		
DRESDEN	3-1201-1	Medium	Low	MRT-C	0.600	GATE		
DRESDEN	3-1201-1A	Medium	High	MRT-C	0.600	GATE		
DRESDEN	3-1201-2	Medium	Low	MRT-C	0.600	GATE		
DRESDEN	3-1201-3	Low Low	Medium	MRT-O	0.600	GATE		
DRESDEN	3-1301-1	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	3-1301-10	Medium	Medium	MRT-C	1.000	GATE		
DRESDEN	3-1301-2	Medium	Low	MRT-C	0.600	GATE		
DRESDEN	3-1301-3	High	Medium	MRT-C	0.600	GATE		
DRESDEN	3-1301-4	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	3-1402-24A	Low	High	MRT-C	0.423	GATE		
DRESDEN	3-1402-24B	Low	High	MRT-C	0.387	GATE		
DRESDEN	3-1402-25A	High	High	MRT-C	0.355	GATE		
DRESDEN	3-1402-25B	High	High	MRT-C	0.347	GATE		
DRESDEN	3-1402-38A	Medium	High	MRT-C	0.972	GATE		
DRESDEN	3-1402-38B	Medium	High	MRT-C	0.550	GATE		
DRESDEN	3-1402-3A	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	3-1402-3B	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	3-1402-4A	Low	High	MRT-C	0.900	GATE		
DRESDEN	3-1402-4B	Low	High	MRT-C	1.100	GLOBE		
DRESDEN	3-1501-11A	High	High	MRT-C	0.558	GATE		
DRESDEN	3-1501-11B	High	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-13A	Medium	High	MRT-C	0.726	GATE		
DRESDEN	3-1501-13B	Medium	High	MRT-C	0.686	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
DRESDEN	3-1501-18A	Medium	High	MRT-C	0.862	GATE		
DRESDEN	3-1501-18B	Medium	High	MRT-C	0.766	GATE		
DRESDEN	3-1501-19A	Medium	High	MRT-C	0.700	GATE		
DRESDEN	3-1501-19B	Medium	High	MRT-C	0.700	GATE		
DRESDEN	3-1501-20A	High	Low	MRT-C	0.687	GATE	Valve Work - D3R14	
DRESDEN	3-1501-20B	High	Medium	MRT-C	0.599	GATE		
DRESDEN	3-1501-21A	Medium	High	MRT-C	1.801	GLOBE		
DRESDEN	3-1501-21B	Medium	High	MRT-C	2.072	GLOBE		
DRESDEN	3-1501-22A	High	High	MRT-C	0.491	GATE		
DRESDEN	3-1501-22B	High	Medium	MRT-O	0.534	GATE		
DRESDEN	3-1501-27A	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	3-1501-27B	Medium	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-28A	Medium	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-28B	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	3-1501-32A	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-32B	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-38A	High	High	MRT-C	0.998	GATE		
DRESDEN	3-1501-38B	High	High	MRT-C	0.903	GATE		
DRESDEN	3-1501-3A	High	Medium	MRT-C	1.100	GLOBE		
DRESDEN	3-1501-3B	High	Medium	MRT-C	1.100	GLOBE		
DRESDEN	3-1501-5A	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-5B	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-5C	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1501-5D	Low Low	High	MRT-C	0.600	GATE		
DRESDEN	3-1601-57	Low Low	High	MRT-C	1.100	GLOBE		X
DRESDEN	3-2301-10	Low	High	MRT-C	1.100	GLOBE		
DRESDEN	3-2301-14	Medium	Medium	MRT-C	1.100	GLOBE		
DRESDEN	3-2301-15	Low	None	MRT-C	0.600	GATE	Chron#0124540; No Active S.F., Mod Pending - D3R14	
DRESDEN	3-2301-3	High	Medium	MRT-O	0.600	GATE		
DRESDEN	3-2301-35	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	3-2301-36	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	3-2301-4	Medium	Medium	MRT-C	0.600	GATE		
DRESDEN	3-2301-48	Medium	High	MRT-C	1.000	GATE		
DRESDEN	3-2301-49	Medium	High	MRT-C	1.000	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
DRESDEN	3-2301-5	Medium	High	MRT-C	0.600	GATE		
DRESDEN	3-2301-6	Low Low	High	MRT-C	0.700	GATE		
DRESDEN	3-2301-8	High	Medium	MRT-O	0.600	GATE		
DRESDEN	3-2301-9	Low	Medium	MRT-O	0.600	GATE		
DRESDEN	3-3702	Low Low	Medium	MRT-C	1.000	GATE		
DRESDEN	3-3703	Low Low	Low	MRT-C	1.000	GATE	Mod Pending - D3R14	
DRESDEN	3-3706	Low Low	High	MRT-C	1.000	GATE		
LASALLE	1B21-F016	Low	Medium	MRT-C	0.500	GATE	Mod Pending - L1R07	
LASALLE	1B21-F019	Low	Medium	MGC-C	0.500	GATE	Mod Pending - L1R07	
LASALLE	1B21-F065A	Low Low	Medium	MRT-O	0.350	GATE		
LASALLE	1B21-F065B	Low Low	Medium	MRT-O	0.350	GATE		
LASALLE	1B21-F067A	Low	Medium	MRT-C	0.700	GATE		
LASALLE	1B21-F067B	Low	High	MRT-C	0.700	GATE		
LASALLE	1B21-F067C	Low	High	MRT-C	0.700	GATE		
LASALLE	1B21-F067D	Low	High	MRT-C	0.700	GATE		
LASALLE	1C41-F001A	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1C41-F001B	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1DG-035	Low Low	None	MRT-C	1.100	Globe	OOS Open/ Not Req'd for EOPs	X
LASALLE	1E12-F003A	Low	High	MRT-C	0.460	GATE		X
LASALLE	1E12-F003B	Low	High	MRT-C	0.460	GATE		X
LASALLE	1E12-F004A	Low	Medium	MRT-O	0.350	GATE		
LASALLE	1E12-F004B	Low	High	MRT-C	0.350	GATE		
LASALLE	1E12-F004C	Low	Medium	MRT-O	0.350	GATE		
LASALLE	1E12-F006A	Low	High	MRT-C	0.350	GATE		
LASALLE	1E12-F006B	Low	Medium	MRT-O	0.350	GATE		
LASALLE	1E12-F008	Low	Medium	MRT-C	0.350	GATE		
LASALLE	1E12-F009	Low	Medium	MGC-C	0.350	GATE		
LASALLE	1E12-F016A	Medium	Low	MRT-C	0.350	GATE	Mod Pending - L1R07	
LASALLE	1E12-F016B	Medium	Medium	MRT-O	0.350	GATE		
LASALLE	1E12-F017A	Medium	High	MRT-C	0.350	GATE		
LASALLE	1E12-F017B	Medium	Medium	MRT-C	0.350	GATE		
LASALLE	1E12-F021	Medium	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F023	Low Low	High	MRT-C	1.237	GLOBE		
LASALLE	1E12-F024A	High	High	MRT-C	1.100	GLOBE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	1E12-F024B	High	High	MRT-C	1.249	GLOBE		
LASALLE	1E12-F027A	Low	Medium	MRT-C	0.876	GATE		
LASALLE	1E12-F027B	Low	High	MRT-C	0.700	GATE		
LASALLE	1E12-F040A	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F040B	Low Low	High	MRT-C	2.072	GLOBE		
LASALLE	1E12-F042A	High	High	MRT-C	0.282	GATE		
LASALLE	1E12-F042B	High	High	MRT-C	0.332	GATE		
LASALLE	1E12-F042C	High	High	MRT-C	0.357	GATE		
LASALLE	1E12-F047A	Low	Medium	MRT-O	0.350	GATE		
LASALLE	1E12-F047B	Low	Medium	MRT-O	0.350	GATE		
LASALLE	1E12-F048A	High	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F048B	High	High	MRT-C	2.046	GLOBE		
LASALLE	1E12-F049A	Low Low	High	MRT-C	0.550	GATE		
LASALLE	1E12-F049B	Low Low	High	MRT-C	0.550	GATE		
LASALLE	1E12-F053A	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F053B	Low	Medium	MGC-C	1.100	GLOBE		
LASALLE	1E12-F064A	Medium	High	MRT-C	0.464	GATE		
LASALLE	1E12-F064B	Medium	High	MRT-C	0.560	GATE		
LASALLE	1E12-F064C	Medium	High	MRT-C	0.692	GATE		
LASALLE	1E12-F068A	High	High	MRT-C	0.350	GATE		
LASALLE	1E12-F068B	High	High	MRT-C	0.350	GATE		
LASALLE	1E12-F093	Low Low	High	MRT-C	0.650	GATE		
LASALLE	1E12-F094	Low Low	High	MRT-C	0.600	GATE		
LASALLE	1E12-F099A	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F099B	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F312A	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E12-F312B	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E21-F001	Low	Medium	MRT-O	0.350	GATE		
LASALLE	1E21-F005	High	High	MRT-C	0.433	GATE		
LASALLE	1E21-F011	Medium	Medium	MGC-C	0.443	GATE		
LASALLE	1E21-F012	Medium	High	MRT-C	1.100	GLOBE		
LASALLE	1E22-F004	High	High	MRT-C	0.297	GATE		
LASALLE	1E22-F012	Medium	Medium	MRT-C	0.386	GATE		
LASALLE	1E22-F015	Low	High	MRT-C	0.350	GATE		
LASALLE	1E22-F023	Medium	Medium	MRT-O	1.100	GLOBE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	1E32-F001A	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F001E	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F001J	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F001N	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F002A	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F002E	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F002J	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F002N	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F003A	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E32-F003E	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E32-F003J	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E32-F003N	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F006	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F007	Low Low	High	MRT-C	0.800	GATE		
LASALLE	1E32-F008	Low Low	High	MRT-C	0.700	GATE		
LASALLE	1E32-F009	Low Low	High	MRT-C	0.700	GATE		
LASALLE	1E51-F008	Low	Medium	MRT-C	0.600	GATE		
LASALLE	1E51-F010	Low	Medium	MRT-O	0.600	GATE		
LASALLE	1E51-F013	Medium	High	MRT-C	0.650	GATE		
LASALLE	1E51-F019	Medium	Medium	MGC-C	1.268	GLOBE		
LASALLE	1E51-F022	Low Low	Medium	MGC-C	1.100	GLOBE		
LASALLE	1E51-F031	Low	High	MRT-C	0.600	GATE		
LASALLE	1E51-F045	Medium	Low	MGC-C	1.100	GLOBE	Mod Pending - L1R07	
LASALLE	1E51-F046	Medium	High	MRT-C	1.100	GLOBE		
LASALLE	1E51-F059	Low Low	Medium	MRT-C	0.704	GATE		
LASALLE	1E51-F063	Low	Low	MRT-C	0.600	GATE		
LASALLE	1E51-F068	Low	High	MRT-C	0.500	GATE		
LASALLE	1E51-F069	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E51-F076	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E51-F080	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E51-F086	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1E51-F360	Low	High	MRT-C	1.100	GLOBE	Motor closing is N/A, Spring to Close	
LASALLE	1G33-F001	Low	Medium	MGC-C	0.350	GATE		
LASALLE	1G33-F004	Low	High	MRT-C	0.350	GATE		
LASALLE	1G33-F040	Low	Medium	MRT-C	0.600	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	1HG-001A	Low Low	High	MRT-C	0.600	GATE		
LASALLE	1HG-001B	Low Low	High	MRT-C	0.600	GATE		
LASALLE	1HG-002A	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1HG-002B	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1HG-003	Low Low	Medium	MRT-O	0.700	GATE		
LASALLE	1HG-005A	Low Low	High	MRT-C	0.700	GATE		
LASALLE	1HG-005B	Low Low	High	MRT-C	0.700	GATE		
LASALLE	1HG-006A	Low Low	High	MRT-C	0.700	GATE		
LASALLE	1HG-006B	Low Low	High	MRT-C	0.700	GATE		
LASALLE	1HG-009	Low Low	Medium	MRT-O	0.700	GATE		
LASALLE	1HG-018	Low Low	High	MRT-C	2.205	GLOBE		
LASALLE	1HG-025	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1HG-026	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1HG-027	Low Low	High	MGC-C	1.213	GLOBE	MGC Based on Torque	
LASALLE	1VP-053A	Low	High	MRT-C	0.600	GATE		
LASALLE	1VP-053B	Low	High	MRT-C	0.600	GATE		
LASALLE	1VP-063A	Low	High	MRT-C	0.600	GATE		
LASALLE	1VP-063B	Low	High	MRT-C	0.600	GATE		
LASALLE	1VQ-032	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1VQ-035	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1VQ-047	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1VQ-048	Low	High	MRT-C	1.100	GLOBE		
LASALLE	1VQ-050	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1VQ-051	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1VQ-068	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	1WR-029	Low	Medium	MRT-O	0.208	GATE		
LASALLE	1WR-040	Low	High	MRT-C	0.700	GATE		
LASALLE	1WR-179	Low	High	MRT-C	0.377	GATE		
LASALLE	1WR-180	Low	High	MRT-C	0.700	GATE		
LASALLE	2B21-F016	Low	Medium	MRT-C	0.500	GATE	Mod Pending - L2R06	
LASALLE	2B21-F019	Low	Low	MRT-C	0.500	GATE	Mod Pending - L2R06	
LASALLE	2B21-F065A	Low Low	High	MRT-C	0.350	GATE		
LASALLE	2B21-F065B	Low Low	High	MRT-C	0.350	GATE		
LASALLE	2B21-F067A	Low	High	MRT-C	0.700	GATE		
LASALLE	2B21-F067B	Low	High	MRT-C	0.700	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	2B21-F067C	Low	High	MRT-C	0.700	GATE		
LASALLE	2B21-F067D	Low	High	MRT-C	0.700	GATE		
LASALLE	2C41-F001A	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2C41-F001B	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2DG-035	Low Low	None	MRT-C	1.100	Globe	OOS Open/ Not Req'd for EOPs	X
LASALLE	2E12-F003A	Low	High	MRT-C	0.460	GATE		X
LASALLE	2E12-F003B	Low	High	MRT-C	0.460	GATE		X
LASALLE	2E12-F004A	Low	High	MRT-C	0.350	GATE		
LASALLE	2E12-F004B	Low	Medium	MRT-C	0.350	GATE		X
LASALLE	2E12-F004C	Low	Medium	MRT-O	0.350	GATE		
LASALLE	2E12-F006A	Low	High	MRT-C	0.350	GATE		
LASALLE	2E12-F006B	Low	High	MRT-C	0.350	GATE		X
LASALLE	2E12-F008	Low	High	MRT-C	0.350	GATE		
LASALLE	2E12-F009	Low	High	MRT-C	0.350	GATE		
LASALLE	2E12-F016A	Medium	Low	MRT-C	0.350	GATE	Mod Pending - L2R06	
LASALLE	2E12-F016B	Medium	Low	MRT-C	0.350	GATE	Mod Pending - L2R06	
LASALLE	2E12-F017A	Medium	Medium	MRT-C	0.350	GATE		
LASALLE	2E12-F017B	Medium	Medium	MRT-C	0.350	GATE		
LASALLE	2E12-F021	Medium	Medium	MRT-C	1.100	GLOBE		
LASALLE	2E12-F023	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F024A	High	Medium	MRT-C	1.100	GLOBE	Mod Pending - L2R06	
LASALLE	2E12-F024B	High	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F027A	Low	High	MRT-C	0.764	GATE		
LASALLE	2E12-F027B	Low	High	MRT-C	0.653	GATE		
LASALLE	2E12-F040A	Low Low	High	MRT-C	1.270	GLOBE		
LASALLE	2E12-F040B	Low Low	High	MRT-C	1.100	GLOBE		X
LASALLE	2E12-F042A	High	Low	MRT-O	0.460	GATE	Mod Pending - L2R06	
LASALLE	2E12-F042B	High	Medium	MGC-C	0.460	GATE	Mod Pending - L2R06	X
LASALLE	2E12-F042C	High	Low	MRT-C	0.460	GATE	Mod Pending - L2R06	
LASALLE	2E12-F047A	Low	Medium	MRT-O	0.350	GATE		
LASALLE	2E12-F047B	Low	Medium	MRT-O	0.350	GATE		
LASALLE	2E12-F048A	High	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F048B	High	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F049A	Low Low	High	MRT-C	0.550	GATE		
LASALLE	2E12-F049B	Low Low	High	MRT-C	0.700	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	2E12-F053A	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F053B	Low	Medium	MRT-C	1.100	GLOBE		
LASALLE	2E12-F064A	Medium	High	MRT-C	0.640	GATE		
LASALLE	2E12-F064B	Medium	High	MRT-C	0.395	GATE		
LASALLE	2E12-F064C	Medium	Medium	MRT-C	0.640	GATE		
LASALLE	2E12-F068A	High	High	MRT-C	0.350	GATE		
LASALLE	2E12-F068B	High	Medium	MRT-C	0.350	GATE	Mod Pending - L2R06	X
LASALLE	2E12-F093	Low Low	High	MRT-C	0.650	GATE		
LASALLE	2E12-F094	Low Low	High	MRT-C	0.600	GATE		
LASALLE	2E12-F099A	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F099B	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F312A	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E12-F312B	Low Low	High	MRT-C	1.313	GLOBE		
LASALLE	2E21-F001	Low	High	MRT-C	0.350	GATE		
LASALLE	2E21-F005	High	Medium	MRT-C	0.460	GATE		X
LASALLE	2E21-F011	Medium	Medium	MRT-C	0.496	GATE		
LASALLE	2E21-F012	Medium	High	MRT-C	1.100	GLOBE		
LASALLE	2E22-F004	High	Medium	MRT-C	0.460	GATE		
LASALLE	2E22-F012	Medium	Medium	MRT-C	0.409	GATE		
LASALLE	2E22-F015	Low	High	MRT-C	0.350	GATE		
LASALLE	2E22-F023	Medium	Medium	MGC-C	1.100	GLOBE		X
LASALLE	2E32-F001A	Low Low	High	MRT-C	0.800	GATE		
LASALLE	2E32-F001E	Low Low	High	MRT-C	0.800	GATE		
LASALLE	2E32-F001J	Low Low	High	MRT-C	0.800	GATE		
LASALLE	2E32-F001N	Low Low	High	MRT-C	0.800	GATE		
LASALLE	2E32-F002A	Low Low	High	MRT-C	0.800	GATE		X
LASALLE	2E32-F002E	Low Low	High	MRT-C	0.800	GATE		X
LASALLE	2E32-F002J	Low Low	High	MRT-C	0.800	GATE		X
LASALLE	2E32-F002N	Low Low	High	MRT-C	0.800	GATE		X
LASALLE	2E32-F003A	Low Low	High	MRT-C	1.100	GLOBE		X
LASALLE	2E32-F003E	Low Low	High	MRT-C	1.100	GLOBE		X
LASALLE	2E32-F003J	Low Low	High	MRT-C	1.100	GLOBE		X
LASALLE	2E32-F003N	Low Low	High	MRT-C	0.800	GATE		X
LASALLE	2E32-F006	Low Low	High	MRT-C	0.800	GATE		
LASALLE	2E32-F007	Low Low	High	MRT-C	0.800	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	2E32-F008	Low Low	High	MRT-C	0.700	GATE		
LASALLE	2E32-F009	Low Low	High	MRT-C	0.700	GATE		
LASALLE	2E51-F008	Low	Medium	MRT-C	0.600	GATE		
LASALLE	2E51-F010	Low	Low	MGC-C	0.600	GATE		
LASALLE	2E51-F013	Medium	Low	MGC-C	0.650	GATE	Mod Pending - L2R06	
LASALLE	2E51-F019	Medium	High	MRT-C	1.100	GLOBE		
LASALLE	2E51-F022	Low Low	Low	MGC-C	1.100	GLOBE	MGC Based on Extended Motor Torques	X
LASALLE	2E51-F031	Low	Medium	MGC-C	0.600	GATE		
LASALLE	2E51-F045	Medium	Low	MGC-C	1.100	GLOBE	Mod Pending - L2R06	
LASALLE	2E51-F046	Medium	High	MRT-C	1.331	GLOBE		
LASALLE	2E51-F059	Low Low	Medium	MRT-C	0.520	GATE		
LASALLE	2E51-F063	Low	Low	MRT-C	0.350	GATE		
LASALLE	2E51-F068	Low	High	MRT-C	0.500	GATE		
LASALLE	2E51-F069	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E51-F076	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E51-F080	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E51-F086	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2E51-F360	Low	High	MRT-C	1.100	GLOBE	Motor Closing is N/A, Spring to Close	
LASALLE	2G33-F001	Low	Medium	MGC-C	0.350	GATE		
LASALLE	2G33-F004	Low	Medium	MGC-C	0.350	GATE		
LASALLE	2G33-F040	Low	Low	MRT-C	0.600	GATE	Mod Pending - L2R06	
LASALLE	2HG-001A	Low Low	High	MRT-C	0.600	GATE		
LASALLE	2HG-001B	Low Low	High	MRT-C	0.600	GATE		
LASALLE	2HG-002A	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2HG-002B	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2HG-003	Low Low	Medium	MRT-C	0.700	GATE		X
LASALLE	2HG-005A	Low Low	Medium	MRT-O	0.700	GATE		
LASALLE	2HG-005B	Low Low	Medium	MRT-O	0.700	GATE		
LASALLE	2HG-006A	Low Low	High	MRT-C	0.700	GATE		
LASALLE	2HG-006B	Low Low	Medium	MRT-O	0.700	GATE		
LASALLE	2HG-009	Low Low	High	MRT-C	0.700	GATE		X
LASALLE	2HG-018	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2HG-025	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2HG-026	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2HG-027	Low Low	High	MGC-C	1.100	GLOBE	MGC Based on Torque	

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
LASALLE	2VP-053A	Low	High	MRT-C	0.235	GATE		
LASALLE	2VP-053B	Low	High	MRT-C	0.472	GATE		
LASALLE	2VP-063A	Low	High	MRT-C	0.539	GATE		
LASALLE	2VP-063B	Low	Medium	Seismic	0.600	GATE		
LASALLE	2VQ-032	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2VQ-035	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2VQ-047	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2VQ-048	Low	High	MRT-C	1.100	GLOBE		
LASALLE	2VQ-050	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2VQ-051	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2VQ-068	Low Low	High	MRT-C	1.100	GLOBE		
LASALLE	2WR-029	Low	High	MRT-C	0.457	GATE		
LASALLE	2WR-040	Low	High	MRT-C	0.598	GATE		
LASALLE	2WR-179	Low	High	MRT-C	0.700	GATE		
LASALLE	2WR-180	Low	High	MRT-C	0.657	GATE		
QUAD CITIES	1-1001-16A	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1001-16B	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1001-18A	High	Medium	MRT-C	0.910	GATE		
QUAD CITIES	1-1001-18B	High	High	MRT-C	1.104	GATE		
QUAD CITIES	1-1001-19A	Low	Medium	MRT-C	0.550	GATE		
QUAD CITIES	1-1001-19B	Low	Medium	MRT-C	0.550	GATE		
QUAD CITIES	1-1001-20	Low Low	Medium	MGC-C	0.910	GATE		
QUAD CITIES	1-1001-21	Low Low	Low	MRT-C	0.981	GATE	MOV Overhaul - Q1R14	
QUAD CITIES	1-1001-23A	Medium	Low	MRT-C	0.700	GATE	MOV Overhaul - Q1R14	
QUAD CITIES	1-1001-23B	Medium	Medium	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-26A	Medium	Low	MRT-C	0.700	GATE	MOV Overhaul - Q1R14	
QUAD CITIES	1-1001-26B	Medium	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-28A	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1001-28B	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1001-29A	High	High	MRT-C	0.585	GATE		
QUAD CITIES	1-1001-29B	High	High	MRT-C	0.490	GATE		
QUAD CITIES	1-1001-34A	High	High	MRT-C	0.600	GATE		
QUAD CITIES	1-1001-34B	High	High	MRT-C	0.600	GATE		
QUAD CITIES	1-1001-36A	High	Medium	MRT-C	1.548	GLOBE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
QUAD CITIES	1-1001-36B	High	Medium	MRT-C	1.677	GLOBE		
QUAD CITIES	1-1001-37A	Medium	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1001-37B	Medium	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1001-43A	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-43B	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-43C	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-43D	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-47	Low	Medium	MRT-O	0.550	GATE		
QUAD CITIES	1-1001-50	Low	High	MRT-C	0.550	GATE		
QUAD CITIES	1-1001-5A	High	Low	MRT-C	1.100	GLOBE	Mod Pending - Q1R14	X
QUAD CITIES	1-1001-5B	High	Medium	MRT-C	1.100	GLOBE		X
QUAD CITIES	1-1001-7A	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-7B	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-7C	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1001-7D	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1201-2	Medium	Medium	MRT-C	0.600	GATE		
QUAD CITIES	1-1201-5	Medium	Medium	MRT-C	0.600	GATE		
QUAD CITIES	1-1301-16	Medium	High	MRT-C	1.000	GATE		
QUAD CITIES	1-1301-17	Medium	High	MRT-C	0.700	GATE		
QUAD CITIES	1-1301-22	Low	Medium	MRT-C	0.900	GATE		
QUAD CITIES	1-1301-25	Low	Medium	MRT-C	0.900	GATE		
QUAD CITIES	1-1301-26	Low	Medium	MRT-C	0.900	GATE		
QUAD CITIES	1-1301-48	Low	High	MRT-C	0.650	GATE		
QUAD CITIES	1-1301-49	High	Medium	MRT-C	0.600	GATE		
QUAD CITIES	1-1301-53	Medium	Medium	MRT-C	1.335	GLOBE		
QUAD CITIES	1-1301-60	Medium	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1301-61	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1301-62	High	Low	Seismic	1.100	GLOBE	Retest/ Reset TSS	
QUAD CITIES	1-1402-24A	Low	High	MRT-C	0.550	GATE		X
QUAD CITIES	1-1402-24B	Low	Low	MRT-C	0.550	GATE	Mod Pending - Q1R14	X
QUAD CITIES	1-1402-25A	High	Low	WL-O	0.701	GATE	Mod Pending - Q1R14	
QUAD CITIES	1-1402-25B	High	Low	WL-O	0.550	GATE	Mod Pending - Q1R14	
QUAD CITIES	1-1402-38A	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1402-38B	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1402-3A	Low	High	MRT-C	0.650	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
QUAD CITIES	1-1402-3B	Low	High	MRT-C	0.650	GATE		
QUAD CITIES	1-1402-4A	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1402-4B	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-1601-57	Low Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-202-5A	High	High	MRT-C	0.500	GATE	No Safety Function Open	
QUAD CITIES	1-202-5B	High	Medium	MGC-C	0.500	GATE		
QUAD CITIES	1-220-1	Low Low	Medium	MRT-C	0.600	GATE		
QUAD CITIES	1-220-2	Low Low	Medium	MRT-C	0.600	GATE		
QUAD CITIES	1-2301-10	Medium	High	MRT-C	1.100	GLOBE		
QUAD CITIES	1-2301-14	Medium	Low	Seismic	1.100	GLOBE	Retest/ Reset TSS - Q1R14	
QUAD CITIES	1-2301-15	Medium	High	MRT-C	0.500	GATE		
QUAD CITIES	1-2301-3	High	High	MRT-C	0.550	GATE		
QUAD CITIES	1-2301-35	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-2301-36	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-2301-4	Medium	High	MRT-C	0.500	GATE		
QUAD CITIES	1-2301-48	Low Low	High	MRT-C	1.000	GATE		
QUAD CITIES	1-2301-49	Low Low	High	MRT-C	0.640	GATE		
QUAD CITIES	1-2301-5	Medium	Medium	MRT-C	0.500	GATE		
QUAD CITIES	1-2301-6	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	1-2301-8	High	Low	MRT-C	0.480	GATE	Reanalysis Pending	
QUAD CITIES	1-2301-9	Low	High	MRT-C	0.540	GATE		
QUAD CITIES	1-2399-40	Low Low	High	MRT-C	0.900	GATE		
QUAD CITIES	1-2399-41	Low Low	High	MRT-C	0.900	GATE		
QUAD CITIES	1-3702	Low Low	Medium	MRT-O	0.850	GATE		
QUAD CITIES	1-3703	Low Low	Medium	MRT-O	0.850	GATE		
QUAD CITIES	1-3706	Low Low	Medium	MRT-O	0.850	GATE		
QUAD CITIES	2-1001-16A	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1001-16B	High	High	MRT-C	1.394	GLOBE		
QUAD CITIES	2-1001-18A	High	Medium	MRT-C	0.910	GATE		
QUAD CITIES	2-1001-18B	High	Medium	MRT-C	0.910	GATE		
QUAD CITIES	2-1001-19A	Low	Low	MRT-C	0.550	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1001-19B	Low	Medium	MRT-C	0.550	GATE		
QUAD CITIES	2-1001-20	Low Low	Low	MRT-C	0.810	GATE	Retest/ Reset TSS - Q2R13	
QUAD CITIES	2-1001-21	Low Low	Medium	Seismic	0.918	GATE		
QUAD CITIES	2-1001-23A	Medium	Medium	MRT-C	0.700	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
QUAD CITIES	2-1001-23B	Medium	Medium	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-26A	Medium	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-26B	Medium	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-28A	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1001-28B	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1001-29A	High	High	MRT-C	0.600	GATE		
QUAD CITIES	2-1001-29B	High	High	MRT-C	0.600	GATE		
QUAD CITIES	2-1001-34A	High	Low	Seismic	0.600	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1001-34B	High	Low	Seismic	0.600	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1001-36A	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1001-36B	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1001-37A	Medium	Medium	Seismic	1.218	GLOBE		
QUAD CITIES	2-1001-37B	Medium	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1001-43A	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-43B	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-43C	Low	Medium	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-43D	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-47	Low	High	MRT-C	0.550	GATE		
QUAD CITIES	2-1001-50	Low	Medium	MRT-O	0.550	GATE		
QUAD CITIES	2-1001-5A	High	Low	MRT-C	1.100	GLOBE	Mod Pending - Q2R13	X
QUAD CITIES	2-1001-5B	High	Low	MRT-C	1.100	GLOBE	Mod Pending - Q2R13	X
QUAD CITIES	2-1001-7A	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-7B	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-7C	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1001-7D	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-1201-2	Medium	Medium	MRT-C	0.600	GATE		
QUAD CITIES	2-1201-5	Medium	High	MRT-C	0.600	GATE		
QUAD CITIES	2-1301-16	Medium	Low	Seismic	0.700	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1301-17	Medium	Low	Seismic	0.700	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1301-22	Low	High	MRT-C	0.900	GATE		
QUAD CITIES	2-1301-25	Low	High	MRT-C	0.900	GATE		
QUAD CITIES	2-1301-26	Low	Medium	MRT-C	0.900	GATE		
QUAD CITIES	2-1301-48	Low	High	MRT-C	0.650	GATE		
QUAD CITIES	2-1301-49	High	Medium	MRT-C	0.600	GATE		
QUAD CITIES	2-1301-53	Medium	High	MRT-C	1.100	GLOBE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
QUAD CITIES	2-1301-60	Medium	Medium	Seismic	1.100	GLOBE		
QUAD CITIES	2-1301-61	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1301-62	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1402-24A	Low	High	MRT-C	0.550	GATE		X
QUAD CITIES	2-1402-24B	Low	Low	MRT-C	0.550	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1402-25A	High	Low	MRT-C	0.550	GATE	Mod Pending - Q2R13	X
QUAD CITIES	2-1402-25B	High	Low	MRT-C	0.550	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-1402-38A	High	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1402-38B	High	Low	MGC-C	1.100	GLOBE	Mod Pending - Q2R13	
QUAD CITIES	2-1402-3A	Low	High	MRT-C	0.650	GATE		
QUAD CITIES	2-1402-3B	Low	High	MRT-C	0.650	GATE		
QUAD CITIES	2-1402-4A	Low	High	MRT-C	1.443	GLOBE		
QUAD CITIES	2-1402-4B	Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-1601-57	Low Low	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-202-5A	High	High	MRT-C	0.500	GATE	No Safety Function Open	
QUAD CITIES	2-202-5B	High	Medium	MRT-C	0.500	GATE		
QUAD CITIES	2-220-1	Low Low	Medium	MRT-C	0.600	GATE		
QUAD CITIES	2-220-2	Low Low	Medium	MGC-C	0.600	GATE		
QUAD CITIES	2-2301-10	Medium	High	MRT-C	1.100	GLOBE		
QUAD CITIES	2-2301-14	Medium	Medium	Seismic	1.100	GLOBE		
QUAD CITIES	2-2301-15	Medium	High	MRT-C	0.500	GATE		
QUAD CITIES	2-2301-3	High	Medium	MRT-O	0.550	GATE		
QUAD CITIES	2-2301-35	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-2301-36	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-2301-4	Medium	Low	MRT-C	0.880	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-2301-48	Low Low	High	MRT-C	1.000	GATE		
QUAD CITIES	2-2301-49	Low Low	High	MRT-C	0.650	GATE		
QUAD CITIES	2-2301-5	Medium	Low	MRT-C	0.880	GATE	Mod Pending - Q2R13	
QUAD CITIES	2-2301-6	Low	High	MRT-C	0.700	GATE		
QUAD CITIES	2-2301-8	High	Medium	MRT-C	0.500	GATE		
QUAD CITIES	2-2301-9	Low	High	MRT-C	0.550	GATE		
QUAD CITIES	2-2399-40	Low Low	High	MRT-C	0.900	GATE		
QUAD CITIES	2-2399-41	Low Low	High	MRT-C	0.900	GATE		
QUAD CITIES	2-3702	Low Low	High	MRT-C	0.850	GATE	No Safety Function Open	
QUAD CITIES	2-3703	Low Low	High	MRT-C	0.850	GATE	No Safety Function Open	

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
QUAD CITIES	2-3706	Low Low	High	MRT-C	0.850	GATE	No Safety Function Open	
ZION	1CC0685	Low	Medium	MRT-C	0.700	GATE		
ZION	1CC9412A	High	High	MRT-C	0.500	GATE		
ZION	1CC9412B	High	High	MRT-C	0.500	GATE		
ZION	1CC9413A	Low	Medium	Seismic	0.500	GATE		
ZION	1CC9413B	Low	High	MRT-C	0.500	GATE		
ZION	1CC9414	Low	High	MRT-C	0.500	GATE		
ZION	1CC9415	Low Low	High	MRT-C	0.500	GATE		
ZION	1CC9438	Low	High	MRT-C	0.550	GATE		
ZION	1CS0002	Medium	Medium	MRT-C	0.413	GATE		
ZION	1CS0003	Low Low	High	MRT-C	0.400	GATE		
ZION	1CS0004	Medium	Medium	MRT-O	0.400	GATE		
ZION	1CS0005	Low Low	High	MRT-C	0.400	GATE		
ZION	1CS0006	Medium	High	MRT-C	0.400	GATE		
ZION	1CS0007	Low Low	High	MRT-C	0.400	GATE		
ZION	1CS0008	Low	Low	MGC-C	0.500	GATE	Mod Pending - Z1R14	
ZION	1CS0009	Low	High	MRT-C	0.500	GATE		
ZION	1CS0010	Low	High	MRT-C	0.500	GATE		
ZION	1CS0049	Medium	High	MRT-C	0.500	GATE		
ZION	1CS0050	Medium	High	MRT-C	0.500	GATE		
ZION	1FW0016	Medium	High	MRT-C	0.500	GATE		
ZION	1FW0017	Medium	High	MRT-C	0.500	GATE		
ZION	1FW0018	Medium	High	MRT-C	0.500	GATE		
ZION	1FW0019	Medium	High	MRT-C	0.500	GATE		
ZION	1FW0050	Medium	High	MRT-C	1.100	GLOBE		
ZION	1FW0051	Medium	High	MRT-C	1.100	GLOBE		
ZION	1FW0052	Medium	High	MRT-C	1.100	GLOBE		
ZION	1FW0053	Medium	High	MRT-C	1.100	GLOBE		
ZION	1FW0054	Medium	High	MRT-C	1.204	GLOBE		
ZION	1FW0055	Medium	High	MRT-C	1.753	GLOBE		
ZION	1FW0056	Medium	High	MRT-C	1.100	GLOBE		
ZION	1FW0057	Medium	High	MRT-C	1.100	GLOBE		
ZION	1FW0074	Low	High	MRT-C	0.500	GATE		
ZION	1FW0075	Low	High	MRT-C	0.500	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
ZION	1FW0076	Low	High	MRT-C	0.500	GATE		
ZION	1MS0005	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z1R14	
ZION	1MS0006	Low	Medium	MRT-C	0.500	GATE		
ZION	1MS0011	Low	Medium	MRT-C	0.500	GATE		
ZION	1MS0017	Medium	N/A	MRT-C	1.100	GLOBE	MOV/AOV see chron #0303745	
ZION	1MS0018	Medium	N/A	MRT-C	1.100	GLOBE	MOV/AOV see chron #0303745	
ZION	1MS0019	Medium	N/A	MGC-C	1.100	GLOBE	MOV/AOV see chron #0303745	X
ZION	1MS0020	Medium	N/A	MGC-C	1.100	GLOBE	MOV/AOV see chron #0303745	X
ZION	1RC8000A	High	Medium	WL-C	0.400	GATE		
ZION	1RC8000B	High	Medium	WL-C	0.400	GATE		
ZION	1RH8700A	High	High	MRT-C	0.500	GATE		
ZION	1RH8700B	High	High	MRT-C	0.500	GATE		
ZION	1RH8701	Medium	High	MRT-C	0.500	GATE		
ZION	1RH8702	Medium	High	MRT-C	0.500	GATE		
ZION	1RH8716A	Medium	Low	WL-C	0.500	GATE	Pending Reanalysis	
ZION	1RH8716B	Medium	High	MRT-C	0.500	GATE	Revised Weak Link Analysis	
ZION	1RH8716C	Medium	Low	WL-C	0.500	GATE	Pending Reanalysis	
ZION	1RH9000	Low	Low	MGC-C	0.550	GATE	Retest/ Reset TSS/ Mod Pending	
ZION	1RHFCV610	High	High	MRT-C	1.100	GLOBE		
ZION	1RHFCV611	High	High	MRT-C	1.100	GLOBE		
ZION	1SI8802	Low Low	High	MRT-C	0.550	GATE	Revised Weak Link Analysis	
ZION	1SI8803A	High	High	MRT-C	0.400	GATE		
ZION	1SI8803B	High	High	MRT-C	0.400	GATE		
ZION	1SI8804A	High	Low	WL-C	0.500	GATE	Pending Reanalysis	
ZION	1SI8804B	High	High	MRT-C	0.500	GATE		
ZION	1SI8806	Low	None	MGC-C	0.500	GATE	Chron #0302406/Mod Pending - Z1R14	
ZION	1SI8807A	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z1R14	X
ZION	1SI8807B	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z1R14	X
ZION	1SI8808A	Low	Medium	WL-C	0.700	GATE	MGC-O Per Chron #0300502	
ZION	1SI8808B	Low	Low	MGC-C	0.700	GATE	Mod Pending - Z1R14	
ZION	1SI8808C	Low	Medium	WL-C	0.700	GATE		
ZION	1SI8808D	Low	Low	WL-C	0.700	GATE	Mod Pending - Z1R14	
ZION	1SI8809A	Medium	Medium	MRT-O	1.145	GATE	MGC-O Using Run Efficiency	
ZION	1SI8809B	Medium	Medium	MRT-O	0.700	GATE		
ZION	1SI8811A	High	High	MRT-C	0.500	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
ZION	1SI8811B	High	High	MRT-C	0.500	GATE		
ZION	1SI8812A	Low Low	High	MRT-C	0.550	GATE		
ZION	1SI8812B	Low Low	High	MRT-C	0.550	GATE		
ZION	1SI8813	High	High	MRT-C	1.100	GLOBE		
ZION	1SI8814	High	High	MRT-C	1.100	GLOBE		
ZION	1SI8923A	Low Low	High	MRT-C	0.500	GATE		
ZION	1SI8923B	Low Low	High	MRT-C	0.500	GATE		
ZION	1SI9010A	Low	Medium	MGC-C	0.550	GATE	Revised WL Analysis	
ZION	1SI9010B	Low	High	MRT-C	0.561	GATE	Revised WL Analysis	
ZION	1SI9011A	Medium	High	MRT-C	0.550	GATE	Revised WL Analysis	
ZION	1SI9011B	Medium	Medium	Seismic	0.647	GATE	Revised WL Analysis	
ZION	1SW0001	Low Low	High	MRT-C	0.500	GATE		
ZION	1SW0002	Low Low	High	MRT-C	0.500	GATE		
ZION	1SW0102	Low	High	MRT-C	0.500	GATE		
ZION	1SW0106	Low	High	MRT-C	0.500	GATE		
ZION	1VC112B	High	High	MRT-C	0.500	GATE		X
ZION	1VC112C	High	High	MRT-C	0.500	GATE		X
ZION	1VC112D	High	Medium	MRT-C	0.500	GATE		
ZION	1VC112E	High	Low	MRT-C	0.500	GATE	Mod Pending - Z1R14	
ZION	1VC8100	Low	High	MRT-C	0.500	GATE		
ZION	1VC8104	Low	High	MRT-C	1.100	GLOBE		
ZION	1VC8105	Medium	Medium	MRT-C	0.500	GATE		
ZION	1VC8106	Medium	Low	WL-C	0.500	GATE	Mod Pending - Z1R14	
ZION	1VC8110	Medium	Low	MRT-C	1.481	GLOBE	Pending Reanalysis	
ZION	1VC8111	Medium	Medium	MRT-C	1.143	GLOBE		
ZION	2CC0685	Low	Low	MRT-O	0.700	GATE	Mod Pending - Z2R13	
ZION	2CC9412A	High	Medium	MRT-C	0.500	GATE	OEM MRT vs STATIC C14	
ZION	2CC9412B	High	Medium	MRT-C	0.608	GATE	OEM MRT vs STATIC C14	
ZION	2CC9413A	Low	High	MRT-C	0.500	GATE		
ZION	2CC9413B	Low	High	MRT-C	0.500	GATE		
ZION	2CC9414	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z2R13	
ZION	2CC9415	Low Low	High	MRT-C	0.500	GATE		
ZION	2CC9438	Low	High	MRT-C	0.550	GATE		
ZION	2CS0002	Medium	Low	MRT-O	0.400	GATE	Mod Pending - Z2R13	
ZION	2CS0003	Low Low	None	MRT-O	0.400	GATE	40.1 Dated 3-1-94/ Mod Pending - Z2R13	

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
ZION	2CS0004	Medium	Low	MGC-C	0.451	GATE	Mod Pending - Z2R13	
ZION	2CS0005	Low Low	Medium	MRT-C	0.400	GATE		
ZION	2CS0006	Medium	Medium	MRT-C	0.439	GATE		
ZION	2CS0007	Low Low	Medium	MRT-C	0.400	GATE		
ZION	2CS0008	Low	Medium	MRT-C	0.500	GATE		
ZION	2CS0009	Low	High	MRT-C	0.500	GATE		
ZION	2CS0010	Low	High	MRT-C	0.500	GATE		
ZION	2CS0049	Medium	High	MRT-C	0.500	GATE		X
ZION	2CS0050	Medium	High	MRT-C	0.500	GATE		
ZION	2FW0016	Medium	High	MRT-C	0.500	GATE		
ZION	2FW0017	Medium	Medium	MRT-C	0.500	GATE		
ZION	2FW0018	Medium	High	MRT-C	0.500	GATE		
ZION	2FW0019	Medium	Medium	MRT-C	0.500	GATE		
ZION	2FW0050	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0051	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0052	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0053	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0054	Medium	High	MRT-C	1.127	GLOBE		
ZION	2FW0055	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0056	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0057	Medium	High	MRT-C	1.100	GLOBE		
ZION	2FW0074	Low	Medium	MRT-C	0.500	GATE		X
ZION	2FW0075	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z2R13	X
ZION	2FW0076	Low	High	MRT-C	0.500	GATE		X
ZION	2MS0005	Low	Medium	MRT-C	0.500	GATE		
ZION	2MS0006	Low	High	MRT-C	0.500	GATE		
ZION	2MS0011	Low	High	MRT-C	0.500	GATE		
ZION	2MS0017	Medium	N/A	MGC-C	1.100	GLOBE	MOV/AOV see chron #0303745	
ZION	2MS0018	Medium	N/A	MGC-C	1.100	GLOBE	MOV/AOV see chron #0303745	
ZION	2MS0019	Medium	N/A	MGC-C	1.100	GLOBE	MOV/AOV see chron #0303745	X
ZION	2MS0020	Medium	N/A	MRT-C	1.100	GLOBE	MOV/AOV see chron #0303745	X
ZION	2RC8000A	High	High	MRT-C	0.400	GATE		
ZION	2RC8000B	High	Medium	MRT-C	0.400	GATE		
ZION	2RH8700A	High	High	MRT-C	0.500	GATE		
ZION	2RH8700B	High	High	MRT-C	0.500	GATE		

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
ZION	2RH8701	Medium	High	MRT-C	0.500	GATE		X
ZION	2RH8702	Medium	High	MRT-C	0.500	GATE		
ZION	2RH8716A	Medium	Medium	Seismic	0.500	GATE	Revised Weak Link Analysis	
ZION	2RH8716B	Medium	Medium	MRT-C	0.674	GATE	Revised Weak Link Analysis	
ZION	2RH8716C	Medium	High	MRT-C	0.500	GATE	Revised Weak Link Analysis and Seismic	
ZION	2RH9000	Low	Medium	MRT-C	0.559	GATE		
ZION	2RHFCV610	High	High	MRT-C	1.100	GLOBE		
ZION	2RHFCV611	High	High	MRT-C	1.100	GLOBE		
ZION	2SI8802	Low Low	Low	WL-C	0.550	GATE	Pending Reanalysis	
ZION	2SI8803A	High	High	MRT-C	0.400	GATE		
ZION	2SI8803B	High	High	MRT-C	0.400	GATE		
ZION	2SI8804A	High	Low	WL-C	0.500	GATE	Pending Reanalysis	
ZION	2SI8804B	High	High	MRT-C	0.500	GATE	Revised Weak Link Analysis	
ZION	2SI8806	Low	None	MGC-C	0.500	GATE	40.1 Dated 7-5-94/ Mod Pending - Z2R13	
ZION	2SI8807A	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z2R14	X
ZION	2SI8807B	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z2R14	X
ZION	2SI8808A	Low	Low	MGC-C	0.700	GATE	Mod Pending - Z2R14	X
ZION	2SI8808B	Low	Low	MGC-C	0.700	GATE	Mod Pending - Z2R14	X
ZION	2SI8808C	Low	High	MRT-C	0.700	GATE		X
ZION	2SI8808D	Low	High	MRT-C	0.700	GATE		X
ZION	2SI8809A	Medium	Low	WL-C	0.700	GATE	Mod Pending - Z2R14	
ZION	2SI8809B	Medium	Low	MRT-O	0.700	GATE	Mod Pending - Z2R14	
ZION	2SI8811A	High	High	MRT-C	0.500	GATE		X
ZION	2SI8811B	High	High	MRT-C	0.500	GATE		
ZION	2SI8812A	Low Low	High	MRT-C	0.550	GATE		
ZION	2SI8812B	Low Low	High	MRT-C	0.550	GATE		
ZION	2SI8813	High	High	MRT-C	1.100	GLOBE		
ZION	2SI8814	High	High	MRT-C	1.100	GLOBE		
ZION	2SI8923A	Low Low	Medium	MRT-C	0.500	GATE		
ZION	2SI8923B	Low Low	Medium	MRT-C	0.500	GATE		
ZION	2SI9010A	Low	High	MRT-C	0.550	GATE		
ZION	2SI9010B	Low	Medium	WL-C	0.779	GATE		
ZION	2SI9011A	Medium	High	MRT-C	0.550	GATE	Revised Weak Link Analysis	

ATTACHMENT C

ComEd Gate/Globe Valve Data

STATION	Valve EPN	Priority Rank	MARGIN	LIMIT	VF	Valve Type	Note/Corrective Action	No Test To Date
ZION	2SI9011B	Medium	High	MRT-C	0.886	GATE		
ZION	2SW0001	Low Low	High	MRT-C	0.500	GATE		
ZION	2SW0002	Low Low	High	MRT-C	0.500	GATE		
ZION	2SW0102	Low	High	MRT-C	0.500	GATE		
ZION	2SW0106	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z2R14	X
ZION	2VC112B	High	High	MRT-C	0.500	GATE		
ZION	2VC112C	High	Low	MRT-C	0.500	GATE	Mod Pending - Z2R13	X
ZION	2VC112D	High	Medium	MRT-C	0.500	GATE		
ZION	2VC112E	High	Low	MRT-C	0.500	GATE	Mod Pending - Z2R13	
ZION	2VC8100	Low	Low	MRT-C	0.500	GATE	Mod Pending - Z2R13	X
ZION	2VC8104	Low	High	MRT-C	1.100	GLOBE	Mod Pending - Z2R13	X
ZION	2VC8105	Medium	Medium	WL-C	0.500	GATE	Mod Pending - Z2R13	
ZION	2VC8106	Medium	Low	WL-C	0.500	GATE	Mod Pending - Z2R14	
ZION	2VC8110	Medium	High	MRT-C	1.100	GLOBE		
ZION	2VC8111	Medium	High	MRT-C	1.100	GLOBE		

ATTACHMENT D

ComEd Butterfly Valve Data

Station	Valve EPN	Configuration	Priority Rank	Margin	Note/Corrective Action
BRAIDWOOD	0OG059	Limit	Low Low	Medium	
BRAIDWOOD	0OG060	Limit	Low Low	Medium	
BRAIDWOOD	0OG061	Limit	Low Low	Medium	
BRAIDWOOD	0OG062	Limit	Low Low	Medium	
BRAIDWOOD	0OG063	Limit	Low Low	Medium	
BRAIDWOOD	0OG064	Limit	Low Low	Medium	
BRAIDWOOD	0OG065	Limit	Low Low	Medium	
BRAIDWOOD	0OG066	Limit	Low Low	Medium	
BRAIDWOOD	0SX007	Limit	Low Low	Low	Increase Valve Limit
BRAIDWOOD	0SX146	Limit	Low	Low	Increase Valve Limit/Reset TSS or dP Reanalysis
BRAIDWOOD	0SX147	Limit	Low	Low	Increase Valve Limit OR dP Reanalysis
BRAIDWOOD	1OG057A	Limit	Low Low	Medium	
BRAIDWOOD	1OG079	Limit	Low Low	Medium	
BRAIDWOOD	1OG080	Limit	Low Low	Medium	
BRAIDWOOD	1OG081	Limit	Low Low	Medium	
BRAIDWOOD	1OG082	Limit	Low Low	Medium	
BRAIDWOOD	1OG083	Limit	Low Low	Medium	
BRAIDWOOD	1OG084	Limit	Low Low	Medium	
BRAIDWOOD	1OG085	Limit	Low Low	Medium	
BRAIDWOOD	1SX001A	Limit	Low Low	Low	Reset TSS
BRAIDWOOD	1SX001B	Limit	Low Low	Medium	
BRAIDWOOD	1SX004	Limit	Low Low	Medium	
BRAIDWOOD	1SX005	Limit	High	Low	Increase Valve Limit/TSS
BRAIDWOOD	1SX007	Limit	Low Low	Low	Increase Valve Limit/TSS
BRAIDWOOD	1SX010	Limit	Low Low	Low	Increase MGC/ Reset TSS
BRAIDWOOD	1SX011	Limit	Low Low	Low	Increase MGC/ Reset TSS
BRAIDWOOD	1SX016A	Limit	Low	Low	Reset TSS
BRAIDWOOD	1SX016B	Limit	Low	Low	Reset TSS
BRAIDWOOD	1SX027A	Limit	Low	Medium	
BRAIDWOOD	1SX027B	Limit	Low	Low	Reset TSS
BRAIDWOOD	1SX033	Limit	Low	None	Pending dP Reanalysis
BRAIDWOOD	1SX034	Limit	Low	None	Pending dP Reanalysis
BRAIDWOOD	1SX136	Limit	Low Low	Low	Increase MGC
BRAIDWOOD	2OG057A	Limit	Low Low	Medium	
BRAIDWOOD	2OG079	Limit	Low Low	Medium	

ATTACHMENT D

ComEd Butterfly Valve Data

Station	Valve EPN	Configuration	Priority Rank	Margin	Note/Corrective Action
BRAIDWOOD	2OG080	Limit	Low Low	Medium	
BRAIDWOOD	2OG081	Limit	Low Low	Medium	
BRAIDWOOD	2OG082	Limit	Low Low	Medium	
BRAIDWOOD	2OG083	Limit	Low Low	Medium	
BRAIDWOOD	2OG084	Limit	Low Low	Medium	
BRAIDWOOD	2OG085	Limit	Low Low	Medium	
BRAIDWOOD	2SX001A	Limit	Low Low	Medium	
BRAIDWOOD	2SX001B	Limit	Low Low	Medium	
BRAIDWOOD	2SX004	Limit	Low Low	Low	Reset TSS
BRAIDWOOD	2SX005	Limit	High	Low	Increase Valve Limit or dP Reanalysis
BRAIDWOOD	2SX007	Limit	Low Low	Low	Increase Valve Limit
BRAIDWOOD	2SX010	Limit	Low Low	Medium	
BRAIDWOOD	2SX011	Limit	Low Low	Medium	
BRAIDWOOD	2SX016A	Limit	Low	Low	Reset TSS
BRAIDWOOD	2SX016B	Limit	Low	Low	Reset TSS
BRAIDWOOD	2SX027A	Limit	Low	Low	Reset TSS
BRAIDWOOD	2SX027B	Limit	Low	Low	Reset TSS
BRAIDWOOD	2SX033	Limit	Low	None	Pending dP Reanalysis
BRAIDWOOD	2SX034	Limit	Low	None	Pending dP Reanalysis
BRAIDWOOD	2SX136	Limit	Low Low	Medium	
BYRON	0OG059	Limit	Low Low	Medium	
BYRON	0OG060	Limit	Low Low	Medium	
BYRON	0OG061	Limit	Low Low	Medium	
BYRON	0OG062	Limit	Low Low	Medium	
BYRON	0OG063	Limit	Low Low	Medium	
BYRON	0OG064	Limit	Low Low	Medium	
BYRON	0OG065	Limit	Low Low	Medium	
BYRON	0OG066	Limit	Low Low	Medium	
BYRON	0SX007	Limit	Low Low	Low	Increase Valve Limit
BYRON	0SX146	Limit	Low	Low	Increase Valve Limit or dP Reanalysis
BYRON	0SX147	Limit	Low	Low	Increase Valve Limit/Reset TSS or dP Reanalysis
BYRON	0SX157A	Limit	Low Low	Medium	
BYRON	0SX157B	Limit	Low Low	Medium	
BYRON	0SX158A	Limit	Low Low	Medium	

ATTACHMENT D

ComEd Butterfly Valve Data

Station	Valve EPN	Configuration	Priority Rank	Margin	Note/Corrective Action
BYRON	0SX158B	Limit	Low Low	Medium	
BYRON	0SX162A	Torque	Medium	Low	Increase HBC Rating/Reset TSS
BYRON	0SX162B	Torque	Medium	Low	Increase HBC Rating/Reset TSS
BYRON	0SX162C	Torque	Medium	Low	Increase HBC Rating/Reset TSS
BYRON	0SX162D	Torque	Medium	Low	Increase HBC Rating/Reset TSS
BYRON	0SX163A	Limit	Medium	Medium	
BYRON	0SX163B	Limit	Medium	Medium	
BYRON	0SX163C	Limit	Medium	Medium	
BYRON	0SX163D	Limit	Medium	Medium	
BYRON	0SX163E	Limit	Medium	Medium	
BYRON	0SX163F	Limit	Medium	Medium	
BYRON	0SX163G	Limit	Medium	Medium	
BYRON	0SX163H	Limit	Medium	Medium	
BYRON	1OG057A	Limit	Low Low	Medium	
BYRON	1OG079	Limit	Low Low	Medium	
BYRON	1OG080	Limit	Low Low	Medium	
BYRON	1OG081	Limit	Low Low	Medium	
BYRON	1OG082	Limit	Low Low	Medium	
BYRON	1OG083	Limit	Low Low	Medium	
BYRON	1OG084	Limit	Low Low	Medium	
BYRON	1OG085	Limit	Low Low	Medium	
BYRON	1SX001A	Limit	Low Low	Medium	
BYRON	1SX001B	Limit	Low Low	Medium	
BYRON	1SX004	Limit	Low Low	Low	Increase Valve Limit
BYRON	1SX005	Limit	High	Low	Increase Valve Limit
BYRON	1SX007	Limt	Low Low	Low	Increase Valve Limit
BYRON	1SX010	Limit	Low Low	Low	Increase MGC
BYRON	1SX011	Limit	Low Low	Low	Increase MGC
BYRON	1SX016A	Limit	Low	Medium	
BYRON	1SX016B	Limit	Low	Low	Reset TSS
BYRON	1SX027A	Limit	Low	Medium	
BYRON	1SX027B	Limit	Low	Low	Reset TSS
BYRON	1SX033	Limit	Low	None	Pending Reanalysis
BYRON	1SX034	Limit	Low	None	Pending Reanalysis
BYRON	1SX136	Limit	Low Low	Low	Increase MGC

ATTACHMENT D

ComEd Butterfly Valve Data

Station	Valve EPN	Configuration	Priority Rank	Margin	Note/Corrective Action
BYRON	1SX150A	Limit	Low Low	Medium	
BYRON	1SX150B	Limit	Low Low	Medium	
BYRON	2OG057A	Limit	Low Low	Medium	
BYRON	2OG079	Limit	Low Low	Medium	
BYRON	2OG080	Limit	Low Low	Medium	
BYRON	2OG081	Limit	Low Low	Medium	
BYRON	2OG082	Limit	Low Low	Medium	
BYRON	2OG083	Limit	Low Low	Medium	
BYRON	2OG084	Limit	Low Low	Medium	
BYRON	2OG085	Limit	Low Low	Medium	
BYRON	2SX001A	Limit	Low Low	Medium	
BYRON	2SX001B	Limit	Low Low	Low	Reset TSS
BYRON	2SX004	Limit	Low Low	Low	Increase Valve Limit
BYRON	2SX005	Limit	High	Low	Increase Valve Limit
BYRON	2SX007	Limit	Low Low	Low	Increase Valve Limit/TSS
BYRON	2SX010	Limt	Low Low	Low	Increase MGC/ Reset TSS
BYRON	2SX011	Limit	Low Low	Low	Reset TSS
BYRON	2SX016A	Limt	Low	Low	Reset TSS
BYRON	2SX016B	Limit	Low	Low	Reset TSS
BYRON	2SX027A	Limit	Low	Low	Reset TSS
BYRON	2SX027B	Limit	Low	Low	Reset TSS
BYRON	2SX033	Limit	Low	None	Pending dP Reanalysis
BYRON	2SX034	Limit	Low	None	Pending dP Reanalysis
BYRON	2SX136	Limit	Low Low	Medium	
BYRON	2SX150A	Limit	Low Low	High	
BYRON	2SX150B	Limit	Low Low	Medium	
LASALLE	1VQ-038	Limit	Low Low	High	
LASALLE	2VQ-037	Limit	Low Low	High	
LASALLE	2VQ-038	Limit	Low Low	High	
LASALLE	1VQ-037	Limit	Low Low	High	
LASALLE	1VP-113A	Torque	Low	Low	Reset TSS
LASALLE	1VP-113B	Torque	Low	Medium	
LASALLE	1VP-114A	Torque	Low	Low	Reset TSS
LASALLE	1VP-114B	Torque	Low	High	

ATTACHMENT D

ComEd Butterfly Valve Data

Station	Valve EPN	Configuration	Priority Rank	Margin	Note/Corrective Action
LASALLE	2VP-113A	Torque	Low	High	
LASALLE	2VP-113B	Torque	Low	Low	Reset TSS
LASALLE	2VP-114A	Torque	Low	Low	Reset TSS
LASALLE	2VP-114B	Torque	Low	Low	Reset TSS
LASALLE	1VG-001	Torque	Low	High	
LASALLE	2VG-001	Torque	Low	Medium	
LASALLE	1VG-003	Torque	Low	High	
LASALLE	2VG-003	Torque	Low	Medium	
ZION	0MOV-SW0005	Torque	Low	High	
ZION	0MOV-SW0006	Torque	Low	High	
ZION	0MOV-SW0007	Torque	Low	High	
ZION	0MOV-SW0008	Torque	Low	High	
ZION	0MOV-SW0009	Torque	Low	Medium	
ZION	0MOV-SW0010	Torque	Low	Medium	
ZION	1MOV-SW0007	Torque	Low	High	
ZION	1MOV-SW0008	Torque	Low	High	
ZION	1MOV-SW0009	Torque	Low	High	
ZION	1MOV-SW0010	Torque	Low	High	
ZION	1MOV-SW0011	Torque	Low	High	
ZION	1MOV-SW0016	Torque	Low Low	High	
ZION	1MOV-SW0017	Torque	Low Low	High	
ZION	1MOV-SW0018	Torque	Low Low	High	
ZION	1MOV-SW0019	Torque	Low Low	High	
ZION	1MOV-SW0100	Torque	Low	High	
ZION	1MOV-SW0101	Torque	Low	Medium	
ZION	1MOV-SW0103	Torque	Low	Medium	
ZION	1MOV-SW0104	Torque	Low	Medium	
ZION	1MOV-SW0105	Torque	Low	Medium	
ZION	1MOV-SW0115	Torque	Low	High	
ZION	2MOV-SW0007	Torque	Low	High	
ZION	2MOV-SW0008	Torque	Low	High	
ZION	2MOV-SW0009	Torque	Low	High	
ZION	2MOV-SW0010	Torque	Low	High	
ZION	2MOV-SW0011	Torque	Low	High	

ATTACHMENT D

ComEd Butterfly Valve Data

Station	Valve EPN	Configuration	Priority Rank	Margin	Note/Corrective Action
ZION	2MOV-SW0022	Torque	Low Low	Medium	
ZION	2MOV-SW0023	Torque	Low Low	Medium	
ZION	2MOV-SW0100	Torque	Low	High	
ZION	2MOV-SW0101	Torque	Low	Medium	
ZION	2MOV-SW0103	Torque	Low	Medium	
ZION	2MOV-SW0104	Torque	Low	Medium	
ZION	2MOV-SW0105	Torque	Low	Medium	
ZION	2MOV-SW0115	Torque	Low	High	