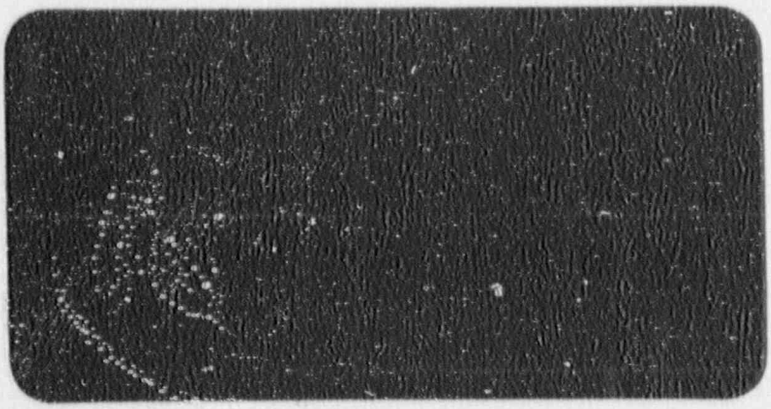

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AN ASME SECTION VIII EVALUATION OF OYSTER CREEK DRYWELL PART 1 STRESS ANALYSIS

November 1990

prepared for

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Parsippany, New Jersey

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AN ASME SECTION VIII EVALUATION OF OYSTER CREEK DRYWELL PART I STRESS ANALYSIS

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1. INTRODUCTION

1.1 Background

The Oyster Creek Nuclear Generating Station utilizes a GE BWR Nuclear Steam Supply System and a steel Mark I pressure suppression type containment vessel system. The pressure suppression system consists of a drywell, a pressure suppression chamber (torus) which stores a large volume of water and a connecting vent system between the drywell and the water pool. The drywell, sometimes referred to as the containment vessel or containment structure, houses the reactor vessel, reactor coolant recirculation loops, and other components associated with the reactor system.

Figure 1-1 shows the drywell along with the pertinent dimensions. The drywell is a combination of a sphere, cylinder and 2:1 ellipsoidal dome and it resembles an inverted light bulb. The spherical portion of drywell near the base includes a sandbed region that provides an elastic transition zone which is intended to ameliorate abrupt thermal and mechanical discontinuities. The pressure suppression system was designed, analyzed and constructed by Chicago Bridge & Iron Company (CBI).

A recent inspection of the steel shell (November 1986) prior to restart from the 11R outage in the sandbed region revealed that some degradation of the shell had taken place during the years since completion of construction. Subsequent inspections also indicated minor thickness degradations in the upper spherical and cylindrical sections of the drywell.

Based on the ultrasonic (UT) inspection results, the projected 95% confidence thickness value for the sandbed region is 0.736 inch. However, in some previous Oyster Creek drywell analyses, as discussed in the next Subsection, a conservative thickness value of 0.7 inch was used. Therefore, a sandbed thickness of 0.7 inch was used in the stress analyses presented in this report which includes the effect of

sand stiffness. The companion stress reports which consider the without sand case, use the projected thickness of 0.736 inch for the sandbed region.

1.2 Previous Analyses

A detailed description of the previous analyses pertaining to Oyster Creek drywell is given in Reference 1-1. Only brief details are provided in this section as background.

A complete set of design calculations for the drywell, suppression chamber, interconnecting elements, nozzle reinforcements and access openings has been prepared by CB&I [1-2]. Subsequent to the original design and analysis of the Oyster Creek Containment System by CB&I, at the request of Atomic Energy Commission, a report titled "Primary Containment Design Report" [1-3] was prepared by the Ralph M. Parsons Co. This report made independent calculations pertaining to specific portions of the containment system, and assessed the adequacy of certain features of the design. A reassessment of the drywell containment structure of Oyster Creek Nuclear Power Plant was also performed by EG&G for the NRC as part of the Systematic Evaluation Program [1-6].

Several structural analyses including buckling analyses were conducted following the detection of shell degradation in the sand bed region. A summary of the results of these analyses is described in Reference 1-1.

1.3 Scope of Present Analysis

The Code of record for the stress analysis of Oyster Creek drywell is Section VIII, 1962 Edition and Nuclear case interpretations 1270 N-5, 1274 N-5 and 1272 N-5. The Reference 1-2 stress report constitutes the Section VIII Code stress report of record for the drywell.

This report is a supplementary report to the Code stress report of record and addresses aspects of Code compliance as they relate to the local wall thinning observed in the Oyster Creek drywell. Thus, all of the analyses presented in this report evaluate only the drywell shell. In the first part of the stress analysis presented in this report, the nominal or as-designed thicknesses were assumed everywhere except in the sand bed region. The thickness in the sand bed region was assumed as 0.7 inch compared to the as-designed thickness of 1.154 inch.

Later the stress analysis addresses the local thinning in areas other than the sand bed region of drywell.

The second part of this supplementary report [1-5] addresses the buckling evaluation of the sand bed region.

1.4 Report Outline

Section 2 of the report describes the drywell geometry, materials, ASME Code allowables and load combinations used in the evaluation of applied stresses. Also discussed is the temperature gradient definition in the sand bed region under DBA conditions. Section 3 includes the details of drywell finite element analysis. Seismic load definition analyses are covered in Section 4.

Section 5 presents the Code stress evaluation results including the evaluation of local thinning. Finally, summary and conclusions are discussed in Section 6.

Appendix A provides justification for the use of guidance from Subsection NE, Section III, where the original Code of construction is not explicit enough. Details of seismic analysis are included in Appendix B. The calculated stresses from unit load cases and from load combinations are given in Appendices C and D, respectively. Appendix E shows a comparison of the load combinations described in the Standard Review Plan document and those used in this report.

Appendix F evaluates the sensitivity of the calculated stresses in the sandbed region to the chosen value of sand spring stiffness.

1.5 References

1-1 Yekta, M., "OC Drywell Structural Evaluations," GPUN Technical Data Report No. 926, Rev. 1, February 6,1989.

1-2 "Structural Design of the Pressure Suppression Containment Vessels," by Chicago Bridge & Iron Co.,Contract # 9-0971, 1965.

1-3 "Primary Containment Design Report," prepared by The Ralph M. Parsons Company, FSAR Amendment 15.

1-4 GPUN Specification SP-1302-53-044, Technical Specification for Primary Containment Analysis - Oyster Creek Nuclear Generating Station; Rev. 2, October 1990.

1-5 "An ASME Section VIII Evaluation of the Oyster Creek Drywell - Part 2 - Stability Evaluation," GE Index # 9-2, DRF # 00664 (November 1990).

1-6 A.G. Debeling and C.Y. Liaw, "Structural Review of the Oyster Creek Nuclear Power Plant Drywell Containment Structure Under Combined Load," SEP Report, March 1982.

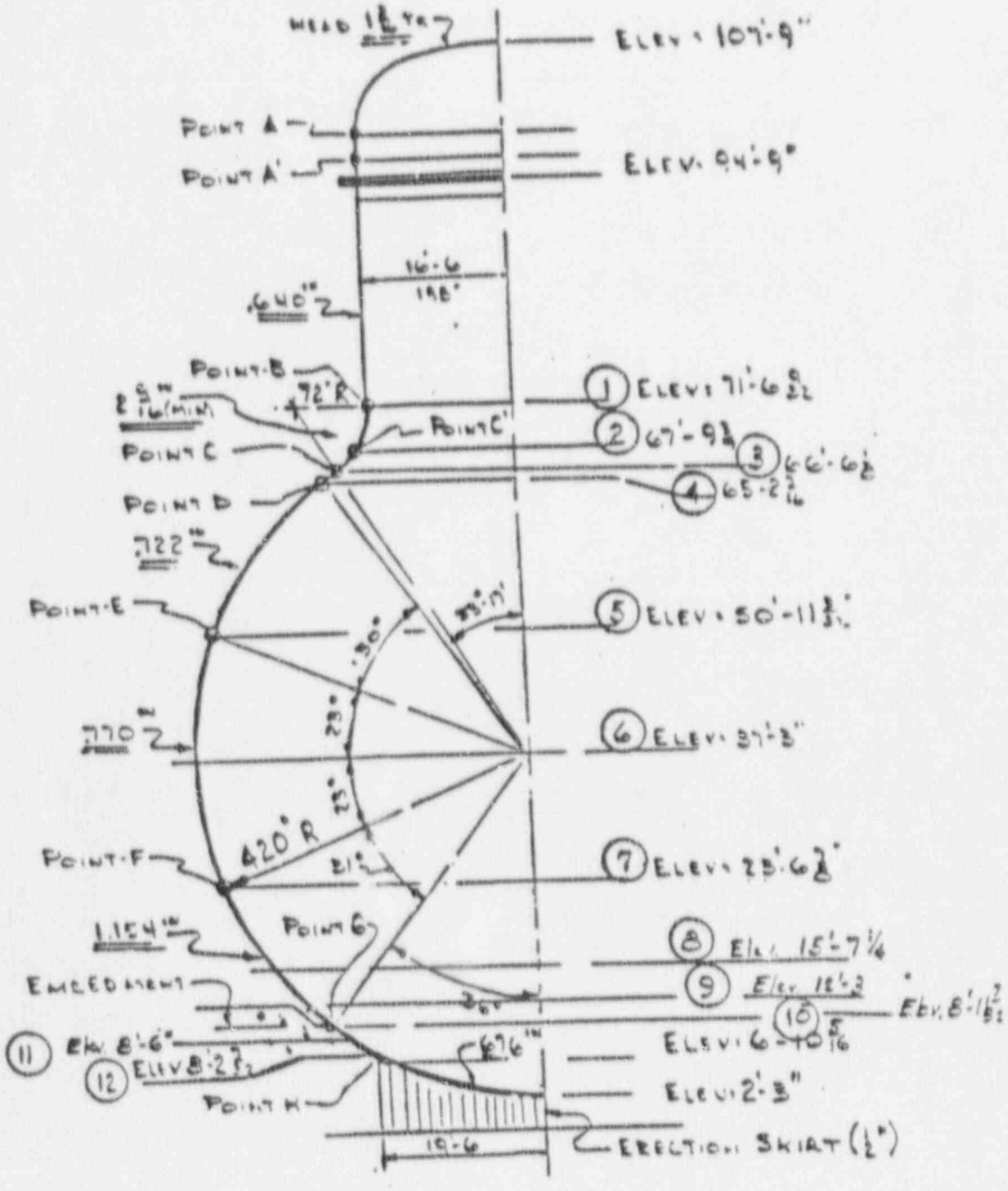


Figure 1-1 Drywell Configuration

2. ANALYSIS BASES

2.1 Drywell Geometry and Materials

The spherical section has an inside diameter of 70 ft. which intersects the 33 ft. diameter cylindrical portion. A transition knuckle is provided at the connection of the sphere to the head (Figure 1-1). The drywell is 105'-6" high. The plate thicknesses vary from a maximum of 2.625 in. at the transition between the sphere and the cylinder down to a minimum of 0.640 in. in the cylinder. The head wall thickness is 1.188 in.

The head, which is 33 ft. in diameter, is made with a double tongue and groove seal which permits periodic checks for tightness. Ten vent pipes, 6'-6" in diameter, are equally spaced around the circumference to connect the drywell to the vent header inside the pressure suppression chamber.

The drywell interior is filled with concrete to elevation 10'-3" to provide a level floor. Concrete curbs follow the contour of the vessel up to elevation 12'-3" with cutouts around the vent lines.

On the exterior, the drywell is encapsulated in concrete of varying thickness from the base elevation up to the elevation of the top head. From there, the concrete continues vertically to the level of the top of the spent fuel pool.

The base of the drywell is supported on a concrete pedestal conforming to the curvature of the vessel. A structural steel skirt was first installed to provide interim support for the vessel during erection. A portion of the steel skirt was left in place which serves as one of the shear rings that provides horizontal restraint for the drywell during an earthquake.

The proximity of the biological shield concrete surface to the steel shell varies with the elevation. The concrete is in full contact with the shell over the bottom of the sphere at its invert elevation 2'-3"

up to elevation 8'-11 1/4". At that point, the concrete is stepped back 15 inches radially to form a pocket which continues up to elevation 12'-3". That pocket is filled with sand which forms a cushion which is intended to smooth the transition of the shell plate from a condition of fully clamped between two concrete masses to a free standing condition. This sand filled pocket is referred to here as the sandbed. The sandbed is connected to drains intended to allow drainage of any water which might enter the sand. Up from elevation 12'-3" there is a 3-inch gap between the drywell and the concrete biological shield wall which is filled with foam material that provides insulation but no structural support.

An upper lateral seismic restraint, attached to the cylindrical portion of the drywell at elevation 82'-6", allows for thermal, deadweight, and pressure radial deflection, but not for lateral movement due to seismic excitation. All penetrations for piping, instrumentation lines, vent ducts, electrical lines, equipment accesses, and personnel entrance have expansion joints and double seals where applicable.

The materials of construction for the drywell are given in Specification S-2299-4 [Reference 2-1]. The drywell shell, i.e., the sphere, cylinder, dome, and transitions, was constructed from SA-212, Grade B High Tensile Strength Carbon-Silicon Steel Plates for Boilers and other Pressure Vessels.

The following steels were used in the construction of penetrations, reinforcements, and appurtenances:

SA-300 Steel Plates for Pressure Vessels for Service at Low Temperatures.

SA-333 Seamless and Welded Steel Pipe for Low Temperature Service.

SA-350 Forged or Rolled Carbon and Alloy Steel Flanges, Forged Fittings, and Valves and Parts for Low Temperature Service.

ASTM A-36 Structural Steel.

Table 2-1 shows the as-designed thicknesses used in the Code stress evaluation of the drywell shell [Reference 1-2]. Also shown in the same Table are the projected 95% confidence thickness values in the locally corroded areas [2-2]. These latter thicknesses are used in the primary stress evaluation presented in Subsection 4.4.

2.2 ASME Code Allowable Values

The Oyster Creek drywell vessel was designed, fabricated and erected in accordance with the 1962 Edition of ASME Code, Section VIII with Addenda to Winter 1963, and Code Cases 1270N-5, 1271N and 1272N-5.

The Code Case 1272 N-5 limits the general membrane stresses to 1.1 times the allowable stress values given in Table UCS-23 of Section VIII. The combined general membrane, general bending, and local membrane stresses are limited to 1.5 times the general membrane stress allowables. Finally, the Code Case limits the sum of the primary plus secondary stresses to three times the allowable stresses given in Table UCS-23. The allowable stress value given in Table UCS-23 for SA 212, Grade B is 17500 psi. Accordingly, the allowable stress values for various categories of stresses are shown in Table 2-2.

The original Code of record and the Code Cases do not provide specific guidance in two areas. The first relates to the size of the region of increased membrane stress due to thickness reductions from local or general corrosion effects, and the second pertains to the allowable stresses for service level C or post-accident conditions. In the latter case, the Standard Review Plan document was used as guidance with details discussed in Appendix E. In the first case, guidance was sought from Subsection NE of Section III. The justification for this guidance is provided in Appendix A of this report. The allowable limits obtained are discussed next.

2.2.1 Thickness Reductions from Local Corrosion Effects

Consideration of local corrosion effects requires application of the requirements for Local Primary Membrane Stresses. A thorough discussion of this is presented in Appendices A prepared by Dr. W.E. Cooper of Teledyne Engineering Services. The discussion presented here is extracted from that Appendix.

The NE-3213.10 definition of Local Primary Membrane Stress is:

> Cases arise in which a membrane stress produced by pressure or other mechanical loading and associated with a primary or discontinuity effect produces excessive distortion in the transfer of load to other portions of the structure. Conservatism requires that such a stress be classified as local primary membrane stress even though it has some characteristics of a secondary stress. A stress region may be considered local if the distance over which the membrane stress intensity exceeds 1.1 S_{mc} does not extend in the meridional direction more than $1.0\sqrt{(Rt)}$, where R is the minimum midsurface radius of curvature and t is the minimum thickness in the region considered. Regions of local primary membrane stress intensity involving axisymmetric membrane stress distributions which exceed 1.1 S_{mc} shall not be closer in the meridional direction than $2.5\sqrt{(Rt)}$, where R is defined as $(R_1+R_2)/2$ and t is defined as $(t_1+t_2)/2$, where t_1 and t_2 are the minimum thicknesses at each of the regions considered, and R_1 and R_2 are the minimum midsurface radii of curvature at these regions where the membrane stress intensity exceeds 1.1 S_{mc}. Discrete regions of local membrane stress intensity, such as those resulting from concentrated loads acting on brackets, where the membrane stress intensity exceeds 1.1 S_{mc} shall be spaced so that there is no overlapping of the areas in which the membrane stress intensity exceeds 1.1 S_{mc}.

The value of S_{mc} from NE of Section III is equivalent to 1.1 S from Section VIII.

There is no Code limit for the extent of the region in which the membrane stress exceeds 1.0 S_{mc} but is less than 1.1S_{mc}. This 10% variation in the allowable stress was provided because of the "beam on elastic foundation" effects of such local regions, the stress decays as one moves away from the thin region, but overshoots general membrane stress value by a small amount as the effects dampen out with distance. Thus, this provision is <u>not</u> equivalent to a 10% increase in the allowable stress which can be taken advantage of in the original design. However, given a design which satisfies the general Code intent, as the Oyster Creek drywell does as originally constructed, it is not a violation of Subsection NE requirements for the membrane stress to be between 1.0S_{mc} and 1.1S_{mc} over significant distances.

Based on the preceding discussion, a limit of 1.1S_{mc} will be used in evaluating the general membrane stresses in areas of the drywell where reduced thicknesses are specified.

2.2.2 Allowable Stresses for Post-Accident Condition

In the post-accident condition, the drywell is flooded to elevation 74'-6". The allowable stress values for this condition are given in Table 3.8.2-1 of Reference 2-4. Additional discussion on this is included in Appendix E. Table 2-3 shows the allowable stress values used for the flooded condition.

2.3 Load Magnitudes and Combinations

The loads to be considered in the Oyster Creek drywell stress analysis, and the load combinations are specified in Reference 1-4 and are consistent with those specified in References 2-1 and 2-3. References 2-1 and 2-3 also contain similar descriptions of the loads and load combinations. Table 2-4 shows these load combinations. The Cases I and II pertain to test loads imposed on the drywell prior to plant startup. These loads are enveloped by the loads specified in Case V - Accident Condition. Therefore, separate calculations were not conducted for Cases I and II.

A comparison of the load combinations shown in Table 2-4 and those given in Reference 2-4 is covered in Appendix E. From that comparison it was concluded that the load combinations in Table 2-4 essentially envelope those described in Reference 2-4.

The dead load, live load and other equipment loads used in the stress calculations were obtained from an earlier study by CBI [Reference No. 2.4.3 of Reference 1-4], and are shown in Tables 2-5a though 2-5c. In the dead weight loading, the weight of the compressible material attached to the drywell was separately added. This weight was taken as 10 lbs. per sq. ft. of drywell surface [Reference 2.4.2 of Reference 1-4]. The additional weight on the cylindrical portion of the drywell during the refueling was obtained from Reference No. 2.4.3 in Reference 1-4 as 561 lbs/inch of drywell cylindrical region circumference.

The stresses from seismic loads were separately calculated as described in Section 4.

2.4 Temperature Gradients

The drywell shell is essentially at a uniform temperature during all of the operating conditions except the accident condition. During the accident condition it is assumed that the drywell shell except the region below the curb (i.e., the sand bed region) is at the same temperature as that of the environment inside the drywell. An analysis of the meridional temperature distribution in the sand bed region during the accident condition was reported in Reference 1-4.

The meridional temperature results in Reference 1-4 are given as a function of elapsed time from the start of the accident condition to 4500 seconds. These temperature distributions were used in Section 3 to calculate the stresses.

2.5 References

2-1 Technical Specification S-2299-4; Design, Furnishing, Erection and Testing of the Reactor Drywell, and Suppression Chamber Containment Vessels (1964).

2-2 Letter from S.C. Tumminelli of GPUN to H.S. Mehta of GE, dated October 5, 1990; Subject: Forecasted Drywell Thicknesses to 14R.

2-3 "Primary Containment Design Report," prepared by The Ralph M. Parsons Company, FSAR Amendment 15.

2-4 Nuclear Regulatory Commission Standard Review Plan, Section 3.8.2, Steel Containment, Rev. 1, July 1981.

TABLE 2-1

As-designed and Projected 95% Confidence thicknesses used in the Code Stress Evaluation

Drywell Region	As-designed Thicknesses (in)	Projected 95% 14R Thicknesses (in)
Cylindrical Region	0.640	0.619*
Knuckle	2.625	2.625
Upper Spherical Region	0.722	0.677
Middle Spherical Region	0.770	0.723
Lower Spherical Region Except Sand Bed Area	1.154	1.154
Sand Bed Region	1.154	0.736**

* No on-going corrosion.

** 0.70 inch was used in the Code evaluation. For discussion on this, see Subsection 1.1.

TABLE 2-2

Allowable Stresses for Drywell Shell in Section VIII Analysis

(Except Post-Accident Condition)

Primary Stresses	
General membrane	19300 psi
General membrane plus bending	29000 psi
Primary plus Secondary Stresses	
Surface stresses including thermal effects	3x17500 or 52500 psi

NOTE: The general membrane stress allowable value of 19300 psi is equal to 1.1x17500, where 17500 psi is the allowable stress value for the drywell material in Table UCS-23 of Section VIII.

TABLE 2-3

Allowable Stresses for Post-Accident Condition

Primary Stresses

General Membrane	38000 psi
General Membrane plus Bending	1.5x General membrane or 57000 psi

Secondary Stresses

Primary plus Secondary	70000 psi

NOTE: The above allowable stresses are based Standard Review Plan, Section 3.8.2., Steel Containment

Table 2-4

Load Combinations specified in the Parsons Report (Reference 2-3)

CASE I - INITIAL TEST CONDITION
Deadweight + Design Pressure (62 psi) + Seismic (2 x DBE)

CASE II - FINAL TEST CONDITION
Deadweight + Design Pressure (35 psi) + Seismic (2 x DBE)

CASE III - NORMAL OPERATING CONDITION
Deadweight + Pressure (2 psi external) + Seismic (2 x DBE)

CASE IV - REFUELING CONDITION
Deadweight + Pressure (2 psi external) + Water load at water seal @ 118'-3" + Seismic (2 x DBE)

CASE V - ACCIDENT CONDITION
Deadweight + Pressure (62 psi & 175 F or 35 psi & 281 F) + Seismic (2 x DBE)

CASE VI - POST ACCIDENT CONDITION
Deadweight + Water Load @ 74' 6" + Seismic (2 x DBE)

Notes: (1) The loads shown above predominate. Reference 2-3 contains all of the loads.

(2) DBE is the design basis earthquake.

TABLE 2.5a
Dead Weight Loads

Item	Elevation (ft.)	Weight in lbs
Upper Header	60.00	36000
Lower Header	40.00	41000
Upper Weld Pads	65.00	40000
Middle Weld Pads	60.00	40000
Lower Weld Pads	56.00	48000
Top Flange	95.75	20100
Bottom Flange	93.75	20700
Stabilizers	82.17	21650
Upper Beam Seats	50.00	1102000
Lower Beam Seats	22.00	556000
12 Ft Diam. EQ DOOR	30.25	48000
Personnel Lock	30.00	64100
Vents	15.56	50000
13 Ft Diam EQ DOOR	30.25	57000
Upper Weld Pads	65.00	12000
Middle Weld Pads	60.00	19200
Lower Weld Pads	56.00	8400

TABLE 2-5b
Penetration Loads

Penetration ID	Elevation (ft.)	Weight in lbs
x - 54A	87.00	1000
x - 5 A Thru H	16.00	150000
x - 6	16.00	6000
x - 7A Thru D	30.00	45600
x - 8	26.00	2450
x - 9A, 9B	34.00	22600
x - 10, 11	26.00	8650
x - 12, 45	31.00	16500
x - 13A, 13B	33.00	15450
x - 14,15,39B	70.00	5750
x - 43, 44	54.00	7850
x - 16A,B	73.00	8850
x - 17	90.00	2750
x - 18, 19	20.00	900
x - 20,21,22	40.00	850
x - 23,24,34A,B	20.00	6000
x - 25	90.00	3750
x - 27	90.00	1000
x - 28A-G	34.00	5450
x - 30AB, 32A	16.00	3700
x - 31AB, 53	16.00	3750
x - 26	20.00	3900
x - 35A Thru G	16.00	900

TABLE 2-5b (Cont'd)
Penetration Loads

Penetration ID	Elevation (ft.)	Weight in lbs
x - 36	60.00	700
x - 37 A Thru D	40.00	8100
x - 38A Thru D	40.00	8100
x - 42	20.00	400
x - 39A	30.00	850
x - 40 AB, 46A	30.00	2400
x - 46B, 52	30.00	1650
x - 49, 50	35.00	1500
x - 51	32.00	750
x - 100AB, 104B	40.00	2500
x - 105A,D+107A	40.00	2500
x - 100C,D,G+104	40.00	4150
x - 105B,C+106B	40.00	2550
x - 100E, 103A,10	40.00	2500
x - 102B	40.00	850
x - 101A-F	40.00	5100
x - 104BD	40.00	1650
x - 54B	90.00	1000
x - 55 A+B	90.00	2000
x - 102A,104A,10	40.00	2650
x - 100F,103B	40.00	1850
x - 29A,B,47,48	90.00	4000
x - 32B,33A,33B	16.00	500
x - 40CD	36.00	1550
x - 41	90.00	500

TABLE 2-5c

Live Loads

Item	Elevation (ft.)	Weight in lbs
Upper Header	60.00	4200
Lower Header	40.00	7150
Upper Weld Pads	65.00	20000
Middle Weld Pads	60.00	20000
Lower Weld Pads	56.00	24000
Equip Door	30.25	100000
Personnel Lock	30.00	15000

3. DRYWELL FINITE ELEMENT ANALYSIS

3.1 Description of Finite Element Model

The drywell was modelled for finite element analysis using the ANSYS computer program [3-1]. The model is shown in Figures 3-1 through 3-5, where Figure 3-1 is an overview, and Figures 3-2, 3-3, 3-4, and 3-5 show the sand bed, knuckle, cylindrical, and upper most cylindrical regions, respectively. The geometry as described in Subsection 2.1, along with References 3-2 and 3-3, was used in generating this model.

The model was developed using axisymmetric solid elements (STIF 25), with the lower most portion being fixed in all directions. This element has non-axisymmetric load capability which was required for the seismic evaluation. Seismic evaluations are discussed in Section 4. Combination elements (STIFF 40) were used to represent the sand stiffness (see Figure 3-2). The value for the sand stiffness was taken as 366 psi/in [Reference 2.4.10 of Reference 1-4]. Sensitivity of the calculated stresses in the sandbed region to the chosen value of sand stiffness is discussed in Appendix F.

In addition to the drywell mass, additional mass was included to account for the attached compressible material and the attachment loads (penetration, dead, and live loads). The compressible material applies from the top of the sand bed region up to the bottom edge of the flange. This mass was incorporated by increasing the effective density of the drywell material in each affected region. For instance, in the region with a drywell thickness of 0.640", the effective density was modified to:

$$\text{effective density} = (10\ \text{lbs/ft}^2)/(12\ \text{in/ft})^2/(0.640\text{in.}) + 0.283\ \text{lbs/in}^3$$

$$= 0.392\ \text{lbs/in}^3$$

The attachment loads, on the other hand, were included as nodal masses using STIFF 21. All the dead weight and penetration loads as listed in Tables 2-5a and 2-5b were included in each load case. The upper and lower beam seats have effective mass only in the vertical direction.

As summarized in Table 3-1, eight unit load cases were analyzed from which the combined load conditions could be calculated. Load Case 1 represents an internal pressure of 62.0 psi. Load Case 2 represents the weight case without any live loads.

Load Case 3 represents the weight loading during load combination Case IV - refueling condition. An additional live load (equipment door) and the water weight during refueling is included in this load case. The water weight and the opposing upward force from the outside bellows was determined as 697 lbs/in. and 136 lbs/in., respectively [Reference 2.4.3 in Reference 1-4]. Therefore, the total load was taken as 561 lbs/in. or 698 kips (for a 33 ft. diameter). This force was applied at the flange elevation.

The specifics of the seismic cases (Load Cases 4, 5, and 7) and the thermal case (Load Case 8) are discussed in detail in Section 4 and Paragraph 3.3, respectively.

Load Case 6 modelled the water pressure for the flooded condition (Post Accident). In this case the drywell is filled with water up to elevation 74'-6". Therefore, the pressure due to water applies to all surfaces from 8'-11 7/32" to 74'-6". The applicable pressure for each element in this region is determined as follows:

$$p = (62.4\ \text{lb/ft}^3)(894\text{"}-y)/(12\ \text{in./ft.})^3$$

where y is the element elevation. Although the exact pressure varies linearly, the modelled pressure was applied in a stepwise manner from top to bottom in increments of 1.89 psi.

3.2 Determination of Stresses for Unit Load Cases

The stresses for each load case were first calculated. Table 3-1 lists the various load cases for which the stresses were calculated. The details of the temperature stress analysis is described in the next Subsection and the procedures used in the calculation of the seismic stresses are covered in Section 4.

The calculated values of the membrane and membrane plus bending for each of the load cases are tabulated in Appendix C.

Only the two orthogonal stress components - meridional and circumferential - are significant at most locations in the drywell shell. A review indicated that the calculated shear stress magnitudes are insignificant compared to the values for the total meridional and circumferential stresses. Therefore, the orthogonal stress magnitudes and the principal stress magnitudes were essentially the same.

3.3 Temperature Stress Analysis

The results of thermal response in the sand bed region to a DBA LOCA have been reported by GPU in Reference 1-4. Figure 3-6 shows the meridional nodes below the drywell floor, for which the calculated temperatures as a function of elapsed time are reported in Reference 1-4. An example of the calculated temperatures is shown in Figure 3-7.

From a review of the temperature distributions, two intermediate time steps were identified as possibly yielding the most severe thermal stresses. At 60 seconds, the largest temperature gradient occurs over a two inch meridional length. At 210 seconds, the maximum temperature is achieved. In addition, a third time step, 690 seconds, was evaluated to verify that a more deeply penetrating temperature condition would not result in higher stresses than the first two cases.

The predominant stresses for each of these cases occurred near the top of the sand bed region (near the 0.700" to 1.154" transition) and were in the circumferential and meridional directions. It was found that the thermal stresses at 210 seconds yielded the more severe stress condition. Figures 3-8 and 3-9 show the meridional and circumferential stress distributions in the sand bed region.

3.4 References

3-1 Gabriel J. DeSalvo, Ph.D. and John A. Swanson, Ph.D, "ANSYS Engineering Analysis System User's Manual," Revision 4.1, Swanson Analysis System, Inc. Houston, PA, March 1, 1983.

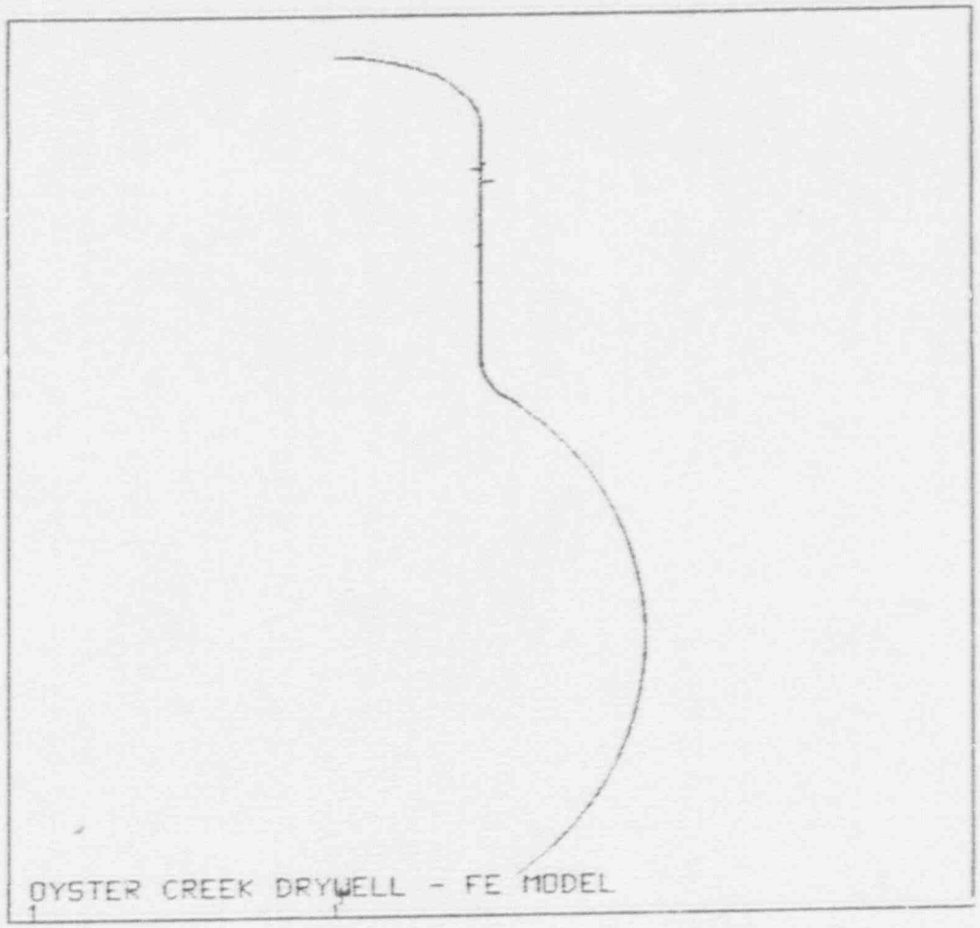
3-2 CB&I Drwg. 9-0971 sheet number 4, Rev. 1, "Drywell - Field Weld Joint"

3-3 CB&I Drwg. 9-0971 sheet number 7, Rev. 5, "Drywell - Cylindrical Shell & Top Head"

TABLE 3-1

Unit Load Cases Analyzed for Drywell Shell Stress Analysis

Case No.	Loading
1	Pressure (62 psi)
2	Gravity-1 (Accident Condition)
3	Gravity-2 (Refueling)
4	Unflooded Seismic
5	Flooded Seismic
6	Flooded Hydrostatic Pressure
7	Seismic Relative Support Displacement
8	Temperature Gradient During DBA



ANSYS
10/15/90
2.8923
PREP7 ELEMENTS
MNUM=1

AUTO SCALING
ZV=1
DIST=653
XF=210
YF=700
EDGE

Figure 3-1 Complete Finite Element Model of Drywell

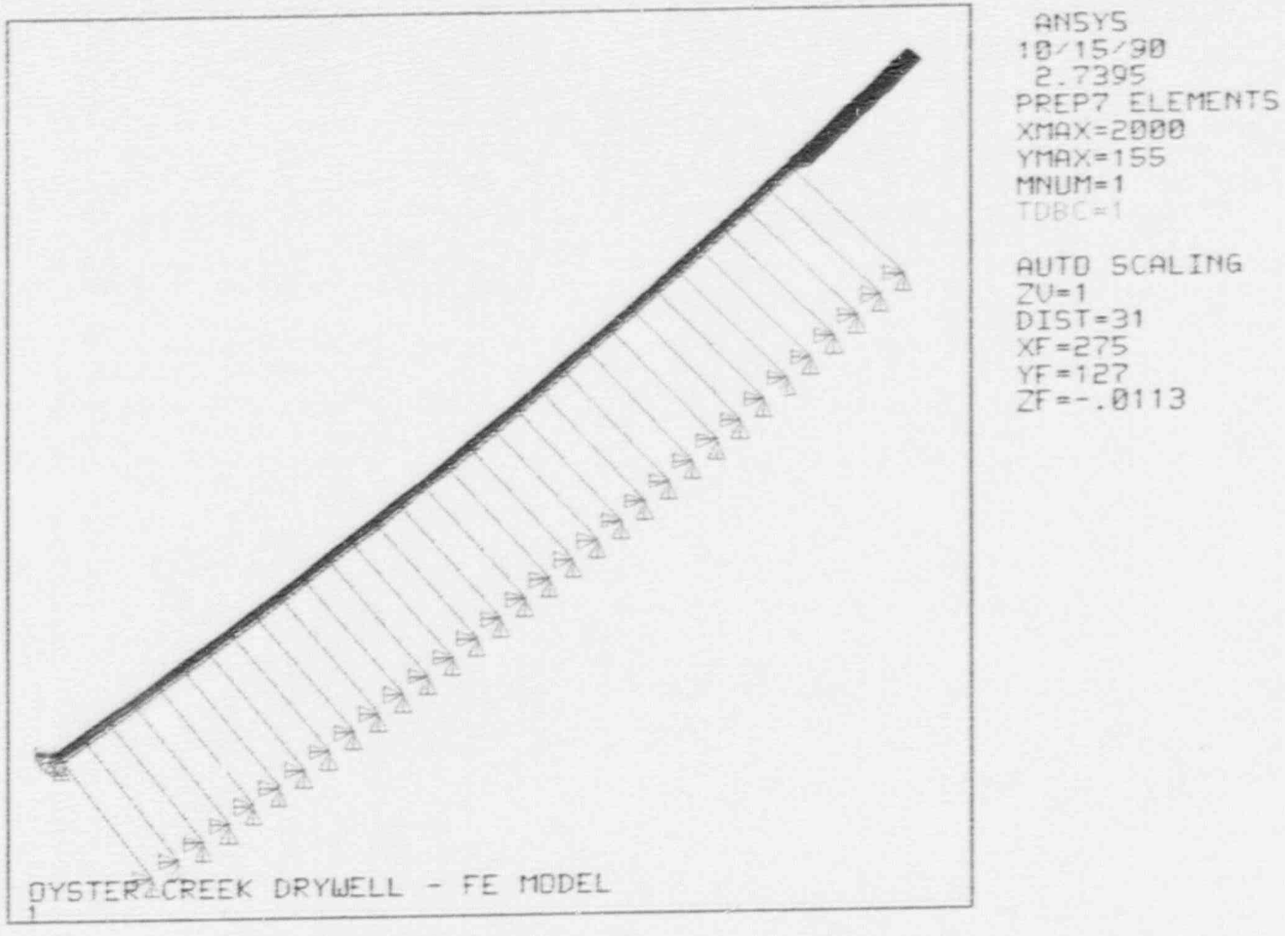


Figure 3-2 Sand Bed Region of Drywell Finite Element Model

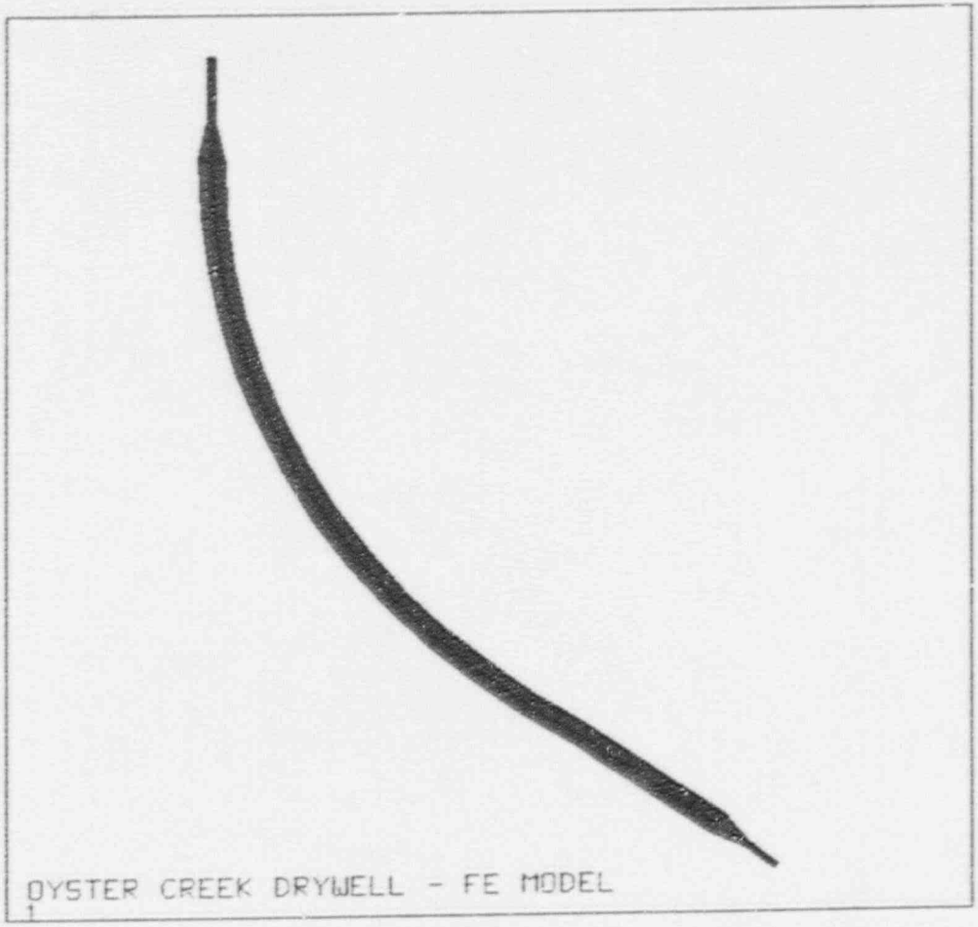


Figure 3-3 Knuckle Region of Drywell Finite Element Model

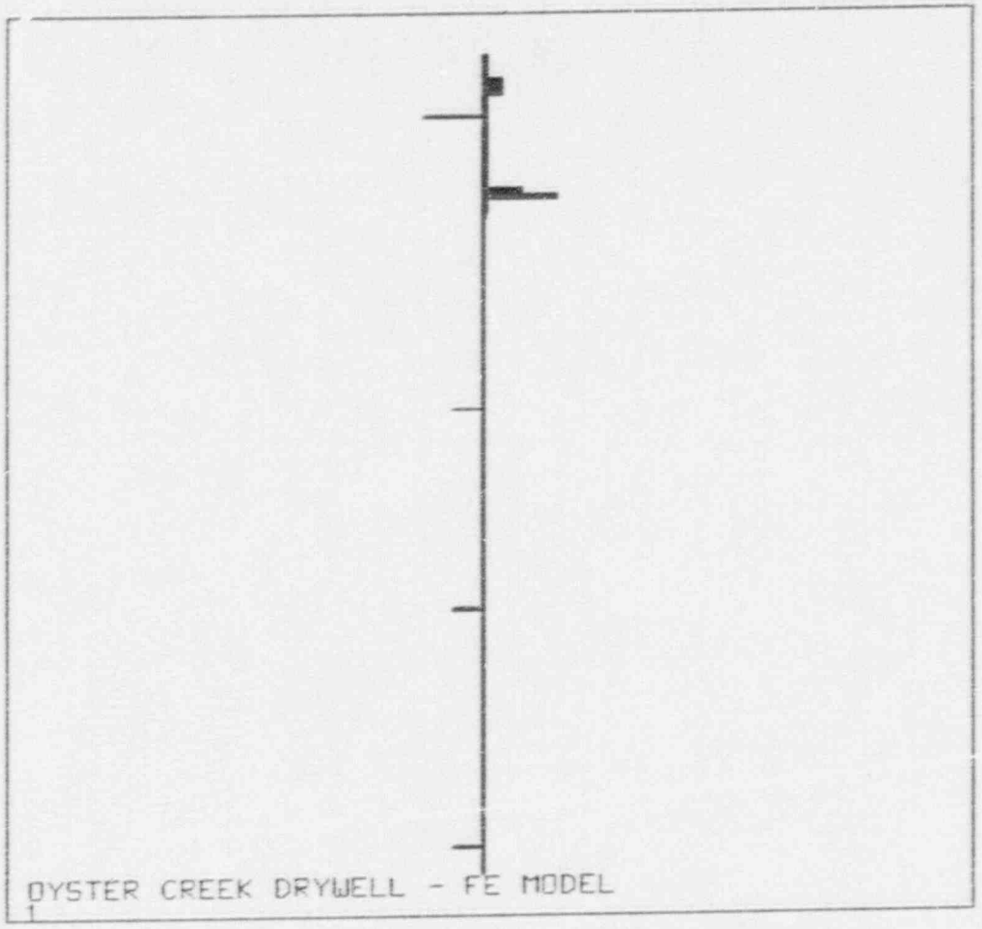


Figure 3-4 Cylindrical Region of Drywell Finite Element Model

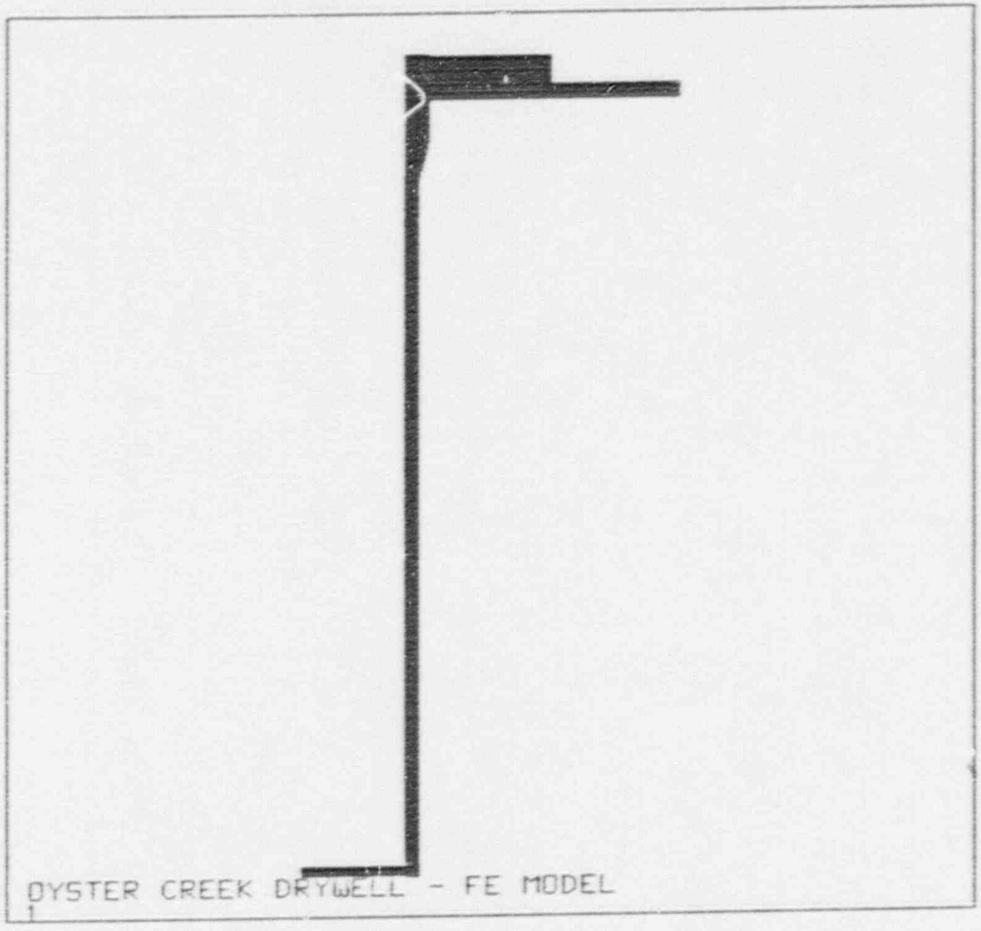


Figure 3-5 Upper Cylindrical Region of Drywell Finite Element Model

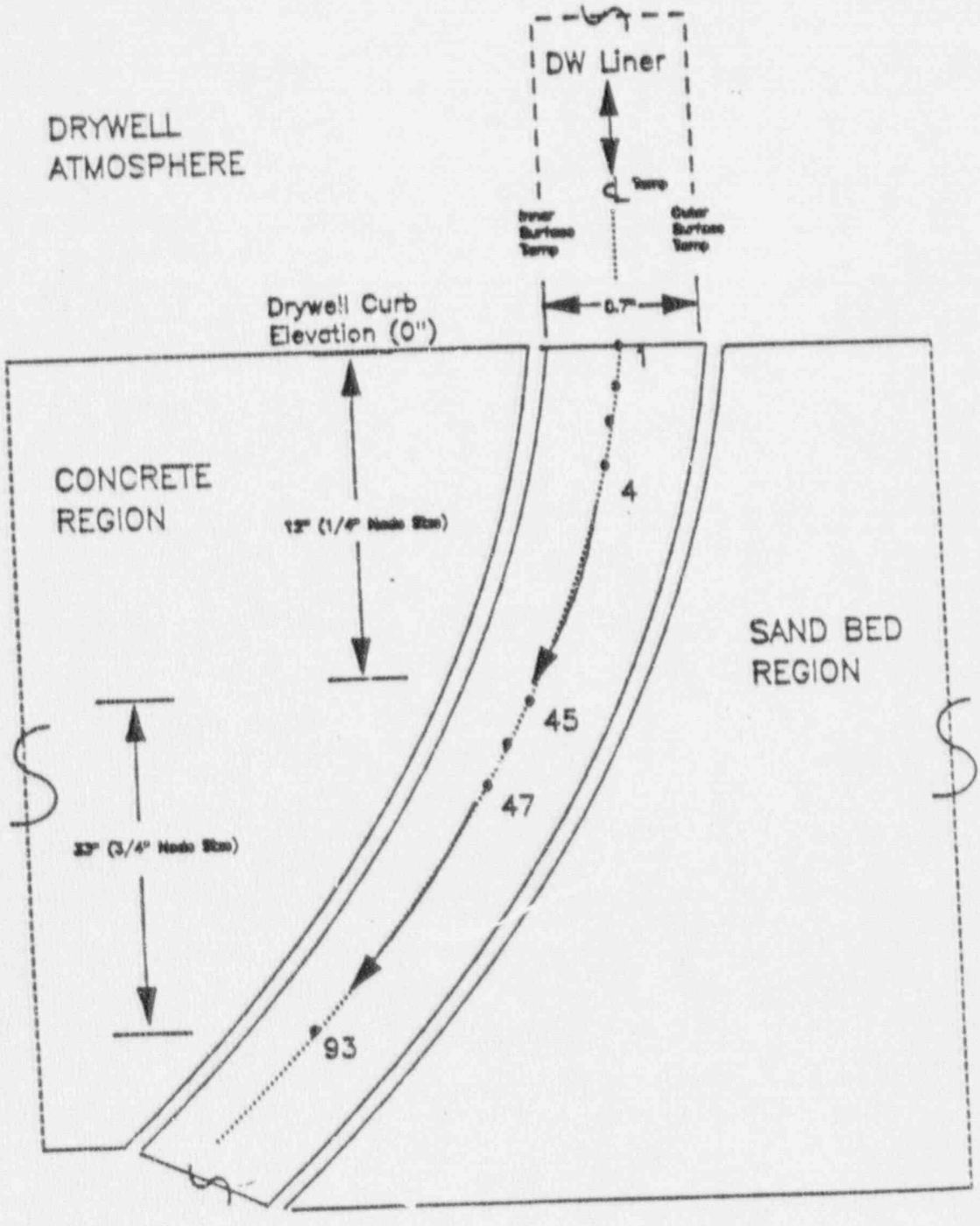


Figure 3-6 Below Curb Drywell Model Nodalization for Temperature Analysis During Accident Condition

	TIME (SECONDS)							
	110	120	150	180	210	240	270	300
DIST IN INCH	TEMPERATURE IN DEGREES F							
0	247.3	248.6	250.5	251.3	251.8	251.7	251.7	251.7
0.25	228.6	230.7	234.9	237.3	239.1	240.1	240.9	241.5
0.5	210.6	213.4	219.6	223.6	226.6	228.5	230.1	231.3
0.75	193.7	197.1	205	210.3	214.3	217.2	219.4	221.3
1	178	181.9	191	197.5	202.4	206.1	209	211.4
1.25	163.7	167.9	178	185.6	191	195.4	198.9	201.8
1.5	150.9	155.3	165.9	173.9	180.2	185.1	189.2	192.5
1.75	139.7	144	154.9	163.3	170	175.4	179.8	183.6
2	130.1	134.2	144.9	153.5	160.6	166.2	171	175
2.25	121.8	125.7	136	144.5	151.6	157.6	162.6	166.9
2.5	115	118.5	128.2	136.5	143.5	149.6	154.7	159.2
2.75	109.3	112.5	121.4	129.3	136.2	142.2	147.4	152
3	104.7	107.5	115.5	122.9	129.6	135.5	140.7	145.3
3.25	101.1	103.4	110.6	117.4	123.7	129.4	134.5	139
3.5	98.23	100.2	106.4	112.6	118.5	123.9	128.8	133.3
3.75	96.03	97.64	103	108.5	113.9	119	123.7	128
4	94.35	95.66	100.1	105	109.9	114.6	119.1	123.3
4.25	93.1	94.13	97.83	102.1	106.4	110.8	115	118.9
4.5	92.18	92.98	96	99.6	103.5	107.4	111.3	115
4.75	91.51	92.12	94.54	97.59	101	104.5	108.1	111.6
5	91.03	91.49	93.41	95.95	98.89	102	105.3	108.5
5.25	90.69	91.04	92.53	94.63	97.14	99.92	102.8	105.8
5.5	90.46	90.71	91.86	93.56	95.69	98.11	100.7	103.4
5.75	90.3	90.48	91.35	92.72	94.51	96.59	98.88	101.3
6	90.2	90.32	90.98	92.06	93.54	95.32	97.33	99.48
6.25	90.12	90.21	90.7	91.55	92.76	94.27	96.01	97.92
6.5	90.08	90.14	90.69	91.15	92.14	93.41	94.91	96.58
6.75	90.05	90.09	90.34	90.85	91.64	92.7	93.98	95.44
7	90.03	90.06	90.24	90.62	91.25	92.12	93.21	94.48
7.25	90.02	90.04	90.16	90.45	90.95	91.66	92.57	93.66
7.5	90.01	90.02	90.11	90.33	90.71	91.29	92.05	92.98
7.75	90.01	90.01	90.07	90.23	90.53	91	91.63	92.41
8	90	90.01	90.05	90.16	90.39	90.76	91.28	91.95
8.25	90	90	90.03	90.11	90.29	90.58	91	91.56
8.5	90	90	90.02	90.08	90.21	90.44	90.78	91.24
8.75	90	90	90.01	90.06	90.15	90.33	90.61	90.99
9	90	90	90.01	90.04	90.11	90.25	90.47	90.78
9.25	90	90	90.01	90.03	90.08	90.18	90.36	90.61
9.5	90	90	90	90.02	90.06	90.14	90.27	90.48
9.75	90	90	90	90.01	90.04	90.1	90.21	90.37
10	90	90	90	90.01	90.03	90.07	90.15	90.29
10.25	90	90	90	90	90.02	90.05	90.12	90.22
10.5	90	90	90	90	90.01	90.04	90.09	90.17
10.75	90	90	90	90	90.01	90.03	90.06	90.13
11	90	90	90	90	90	90.02	90.05	90.1
11.25	90	90	90	90	90	90.01	90.03	90.07
11.5	90	90	90	90	90	90.01	90.02	90.05
11.75	90	90	90	90	90	90.01	90.02	90.04
12	90	90	90	90	90	90	90.01	90.03
12.75	90	90	90	90	90	90	90	90.01
13.5	90	90	90	90	90	90	90	90
14.25	90	90	90	90	90	90	90	90
15	90	90	90	90	90	90	90	90
15.75	90	90	90	90	90	90	90	90
16.5	90	90	90	90	90	90	90	90
17.25	90	90	90	90	90	90	90	90
18	90	90	90	90	90	90	90	90
18.75	90	90	90	90	90	90	90	90
19.5	90	90	90	90	90	90	90	90
20.25	90	90	90	90	90	90	90	90
21	90	90	90	90	90	90	90	90
21.75	90	90	90	90	90	90	90	90
22.5	90	90	90	90	90	90	90	90
23.25	90	90	90	90	90	90	90	90
24	90	90	90	90	90	90	90	90
24.75	90	90	90	90	90	90	90	90
25.5	90	90	90	90	90	90	90	90
26.25	90	90	90	90	90	90	90	90
27	90	90	90	90	90	90	90	90
27.75	90	90	90	90	90	90	90	90
28.5	90	90	90	90	90	90	90	90
29.25	90	90	90	90	90	90	90	90
30	90	90	90	90	90	90	90	90
30.75	90	90	90					

Figure 3-7 Example of Calculated Temperature Distribution at Various Elapsed Times

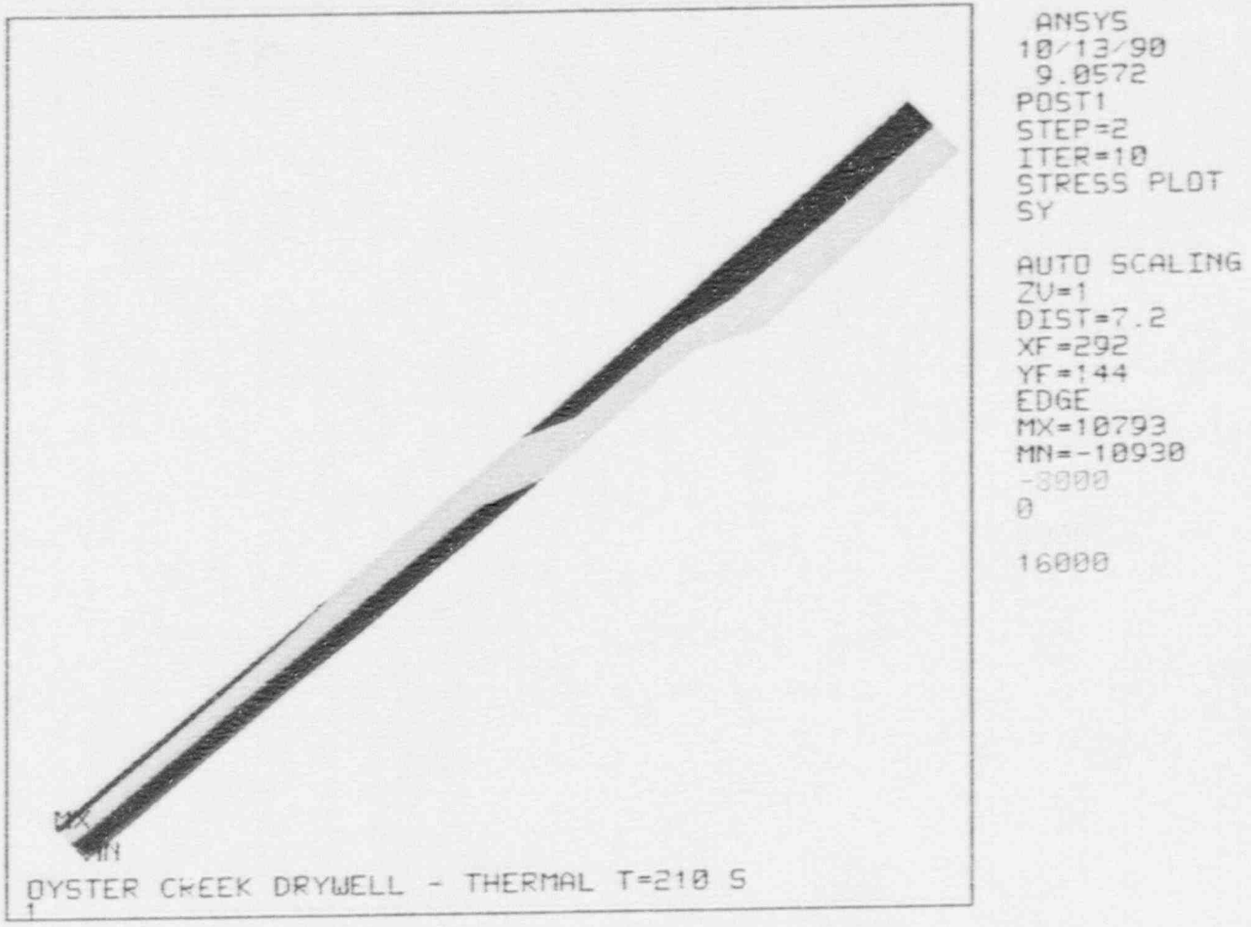


Figure 3-8 Meridional Stress Distribution in the Sand Bed Region From Temperature Distribution at t=210 Seconds

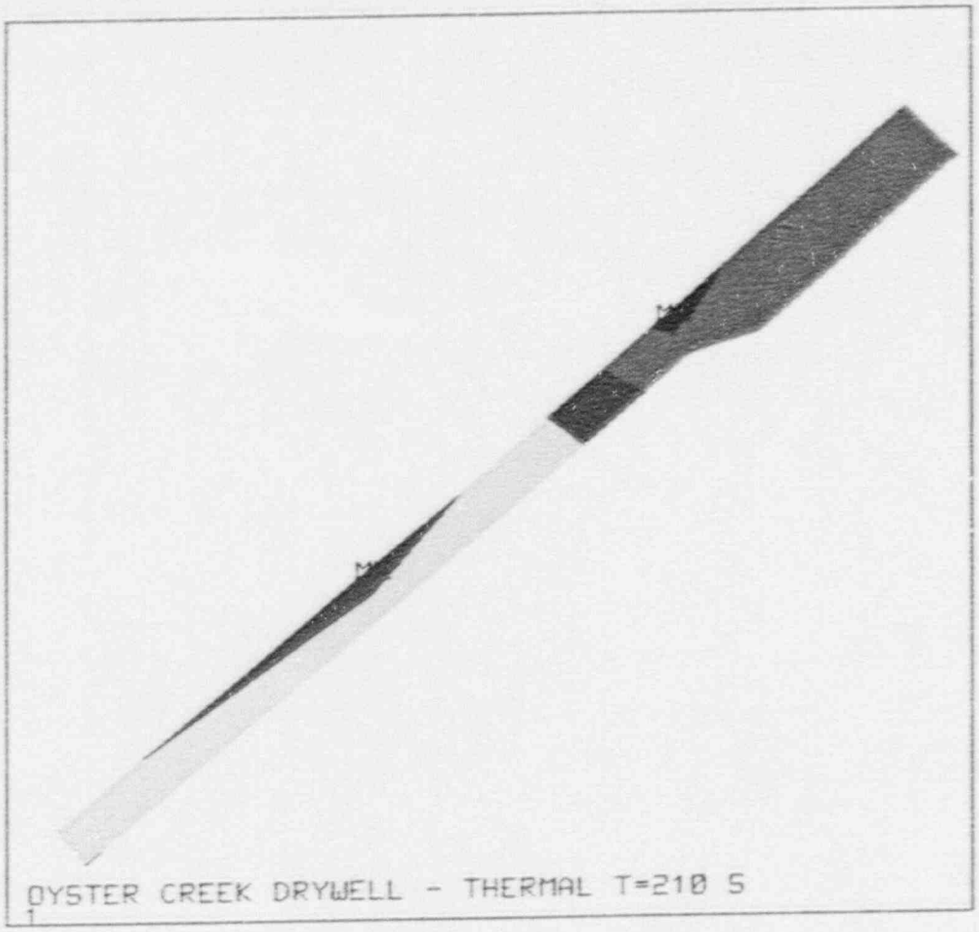


Figure 3-9 Circumferential Stress Distribution in the Sand Bed Region from Temperature Distribution at t=210 Seconds

4. SEISMIC LOAD DEFINITION

This section briefly describes the general methodology followed in the seismic evaluation of the drywell. A detailed report on the seismic analysis methodology and the results is included as Appendix B of this report.

4.1 Finite Element Model

The same finite element model that was used for the analysis of static loads, was also used in the seismic analysis. All of the concentrated loads listed in Tables 2-5a and 2-5b were included in both the flooded and unflooded seismic analyses. Since the lower and upper beams connect to the drywell through pads, the beam weights do not act during the horizontal earthquake excitation. Therefore, the beam weights are active only in the vertical direction. In addition, the live loads listed in Table 2-5c were included in the unflooded seismic analysis.

The drywell is constrained at the "reactor building/drywell/star truss" interface at elevation 82'-6" and at its base. The upper constraint was implemented in the finite element analysis by restraining the middle node in the horizontal direction at this elevation. The base constraint is as before, i.e., all nodes fixed.

4.2 Dynamic Analysis Methodology and Response Spectra

The seismic input motion spectra were provided by GPUN in Reference 2-4. The seismic motion spectra were for two locations: at the mat foundation and at the upper constraint. Since the ANSYS program can only accept one input spectrum, the input spectra at the two elevations were enveloped.

The response spectrum dynamic analyses were first conducted for frequencies up to the ZPA frequencies of the input motion spectra. The response contributions due to the truncated higher frequency modes

were calculated by static analyses in which the total model mass is subjected to support accelerations. These were taken as ZPA accelerations for each of the orthogonal spatial directions. All colinear modal response contributions were combined by the Double Sum Method and the spatial contributions by the SRSS method. The response contributions due to the truncated higher frequency modes were combined with the response totals due to the lower frequency modes included in the analysis by the SRSS method. The resulting total colinear inertia responses were combined with the corresponding responses due to relative support motion by the absolute sum method. These stresses were then combined with the stresses from other loads (e.g., pressure, thermal, etc.) for the Code evaluation.

4.3 Post-Accident Seismic Analysis

In the post-accident condition, the drywell is flooded to elevation 74'-6". The weight of the water was lumped at several elevations along the meridian of the drywell. Based on previous experience, the fluid-structure interaction effects were assumed as negligible and the hydrodynamic mass of water was assumed as 80% of the total mass of the water which would fill an empty drywell. This exclusion of 20% mass reasonably accounts for the volume of RPV, shield wall and pedestal.

4.4 Analysis for Relative Support Displacement Effects

The drywell is fixed at its base and is laterally constrained by the reactor building at elevation 82'-6". During seismic excitation, the reactor building would experience relative displacement between the drywell constraint elevation and the basemat. Since the reactor building is much stiffer and much more massive than the drywell, it will take the drywell for a 'ride' during relative support displacement. Therefore, the stresses in the drywell due to relative support displacement were determined and added to those from the seismic inertia loads.

The horizontal relative displacement of the drywell upper support with respect to the drywell at the basemat was specified as 0.058 inch for 2xDBE condition [1-4]. The stresses from this relative displacement were obtained by applying a horizontal displacement of 0.058 inch at the upper support elevation.

5. CODE STRESS EVALUATION

Sections 3 and 4 describe the analyses for shell stresses for the various unit load cases. This Section first describes how the total membrane and membrane plus bending stresses for the various load combinations are obtained from the unit load cases. The stress results are shown only for the limiting load combinations which are then compared with the stress allowables discussed in Subsection 2.2. A similar evaluation was then conducted by factoring in the projected 95% confidence thickness values to 14R. Detailed stress evaluations for all the analyzed load combinations are provided in Appendix D.

5.1 Determination of Stresses for Various Load Combinations

The stresses for the various load combinations listed in Table 2-4 were obtained by linearly superposing the stresses from the unit load cases tabulated in Appendix C. The unit load cases and the scaling factors used to obtain the total stresses for each load combination are shown in Table 5-1. The resulting total stresses are shown tabulated in Appendix D.

5.2 Primary Stress Evaluation

The maximum stresses were separately calculated for each distinct wall thickness region. Table 5-2 shows the calculated primary stresses for the limiting load combination Case V-1 and a comparison with the allowable values. Since it is a primary stress comparison, the thermal stresses were not included in the total stresses.

The discontinuity bending stresses, which are secondary, everywhere in the shell except in the lower spherical and sandbed regions, were conservatively included in the P_b category. A review of Table 5-2 shows that all of the calculated values of primary stresses are less than the corresponding allowable values.

5.3 Primary Plus Secondary Stress Evaluation

The results of temperature gradient stress analysis (accident condition) showed that only the sandbed and the lower spherical regions experience significant stresses from this unit load case. Also, the post-accident case stress analysis showed that the drywell shell in the sandbed region near the fixity point experiences significant discontinuity bending stresses. Therefore, the primary plus secondary stress evaluation was conducted only for these regions.

Table 5-2 shows the calculated values of primary plus secondary stresses and a comparison with the allowable values. All of the calculated primary plus secondary stress values are within the Code allowable values.

5.4 Degraded Thickness Evaluation

Based on extensive thickness measurements, GPUN has estimated the corrosion rates and determined the 95% confidence projected drywell wall thicknesses. These wall thicknesses to 14R are given in Table 2-1. The membrane stresses for the degraded thickness condition were obtained by scaling upwards the calculated stresses for the nominal thickness case (Table 5-2) by the thickness ratio.

Table 5-3 shows the primary membrane and membrane plus bending stresses for the drywell regions using thicknesses per Table 2-1. Based on the discussion presented in Subsection 2.2.1, the allowable value for the primary membrane stress at locally degraded thickness locations is $1.1S_{mc}$ or 21200 psi. A review of Table 5-3 shows that both the primary membrane and membrane plus bending stresses are within the allowable limits.

TABLE 5-1

Description of Load Combinations in Terms of Unit Load Case Sum

Load Combination	Load Comb. Case(4)	Constituent Load Cases
Normal Operating Condition(3)	III	- (Case 1)x0.03226 + Case 2 ± Case 4 ± Case 7
Refueling Condition	IV	- (Case 1)x0.03226 + Case 3 ± Case 4 ± Case 7
Accident Condition - 1	V-1	+ Case 1 + Case 2 ± Case 4 ± Case 7 + Case 8
Accident Condition - 2	V-2	+ (Case 1)x0.565 + Case 2 ± Case 4 ± Case 7 + Case 8
Post-Accident Condition	VI	+ Case 2 ± Case 5 + Case 6 ± Case 7

Notes: (1) For load combination definition see Reference 2-3.

(2) For unit load case description see Table 3-1.

(3) Normal Operation also includes live load due to personnel lock.

(4) Load Combination Case Numbers are based on Table 2-4

TABLE 5-2

Comparison of Calculated Stresses to Code Allowable Values
(Nominal Drywell Wall Thicknesses)
Limiting Load Combination - V-1 (Except as Noted)

Drywell Region	Stress Categ.	Calc. Stress Magnitude, Max. (psi)	Allowable Stress (psi)
Cylinder (t=0.640 in.)	Prim. Memb.	19200	19300
	Prim. Memb. + Bending	20280	29000
Knuckle (t=2.625 in.)	Prim. Memb.	18430	19300
	Prim. Memb. + Bending	20620	29000
Upper Spherical (t=0.722 in.)	Prim. Memb.	19090	19300
	Prim. Memb. + Bending	26350	29000
Middle Spherical (t=0.770 in.)	Prim. Memb.	18460	19300
	Prim. Memb. + Bending	23110	29000
Lower Spherical (t=1.154 in.)	Prim. Memb.	15690	19300
	Prim. Memb. + Bending	17320	29000
	Prim. + Second	18050	52500

TABLE 5-2 (CONT'D)

Comparison of Calculated Stresses to Code Allowable Values
(Nominal Drywell Wall Thicknesses)
Limiting Load Combination - V-1 (Except as Noted)

Drywell Region	Stress Categ.	Calc. Stress Magnitude, Max. (psi)	Allowable Stress (psi)
Sand Bed Region (t=0.700 in.)	Prim. Memb.	15860	19300
	Prim. Memb. + Bending	22720	29000
	Prim. + Second.	33730	52500
	Prim. + Second. (Case VI - Po t Accident Cond.)	51870	70000

TABLE 5-3

Comparison of Calculated Stresses to Code Allowable Values
(Projected Drywell Wall Thicknesses)
Limiting Load Combination - V-1 (Except as Noted)

Drywell Region	Stress Categ.	Calc. Stress Magnitude, Max. (psi)	Allowable Stress (psi)
Cylinder (t=0.619 in.)	Prim. Memb.	19850	21200
	Prim. Memb. + Bending	20070	29000
Upper Spherical (t=0.677 in.)	Prim. Memb.	20360	21200
	Prim. Memb. + Bending	28100	29000
Middle Spherical (t=0.723 in.)	Prim. Memb.	19660	21200
	Prim. Memb. + Bending	24610	29000

6. SUMMARY AND CONCLUSIONS

This report is a supplementary report to the Code stress report (Reference 1-2) of record and addresses aspects of Code compliance as they relate to the local wall thinning observed in the Oyster Creek drywell. The loads and load combinations used in the analysis were based on the previous drywell stress analyses and the Code of record specification. In developing the allowable stress limits guidance was taken from Subsection NE of Section III, ASME Code where the Code of record (Section VIII) is silent.

The stresses, including those from seismic inertia, were obtained using a finite element model of the drywell shell. The stiffness provided by the sand in the sandbed region was modeled using spring elements.

Since the wall thickness degradation was the reason for this analysis, the focus was on the drywell shell only. The stress analysis first considered a base case in which everywhere as-designed thicknesses were used except in the sandbed region where the thickness was assumed as 0.700 inch. This confirms the original stress calculations and serves as a basis for evaluating the stresses for the 95% confidence projected thicknesses. In the other case, 95% confidence projected shell thicknesses to 14R were used.

The highest stresses were determined to be from the Case V load combination in all the different thickness regions of the drywell. It was shown that the primary and secondary stresses are within the allowable limits for both conditions (as-designed thicknesses and projected 14R thicknesses).

It is concluded that the Oyster Creek drywell shell will continue to meet the Code of record requirements at least up to 14R. The analysis for buckling capability in the sandbed region is contained in a companion GE report (Reference 1-5).

APPENDIX A

JUSTIFICATION FOR USE OF SECTION III, SUBSECTION NE, GUIDANCE IN EVALUATING THE OYSTER CREEK DRYWELL

GENERAL ELECTRIC COMPANY
NUCLEAR OPERATIONS
175 CURTNER AVENUE, M/C 747
SAN JOSE, CA 95125

TECHNICAL REPORT TR-7377-1

JUSTIFICATION FOR USE OF SECTION III, SUBSECTION NE, GUIDANCE IN EVALUATING THE OYSTER CREEK DRYWELL

NOVEMBER 1990

TELEDYNE ENGINEERING SERVICES

130 SECOND AVENUE
WALTHAM, MASSACHUSETTS 02254
617-890-3350

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ATTACHMENT 1 - FABRICATION, INSPECTION, NDE AND TESTING PRACTICES FOLLOWED BY CBI IN THE CONSTRUCTION OF THE OYSTER CREEK DRYWELL

1.0 SCOPE

The drywell of the Oyster Creek Containment was originally constructed to the requirements of Section VIII of the ASME Boiler and Pressure Vessel Code and applicable Code Cases, with a contract date of July 1, 1964. The Code requirements for nuclear containment vessels at that time were less detailed than at any subsequent date.

Is it proper to use the contents of a later Code, and specifically the requirements of Subsection NE of Section III, as guidance in present evaluations of the drywell?

2.0 CONCLUSIONS

It is proper to use the containment vessel requirements of the 1963 Edition or later editions or addenda of Section III as guidance in present evaluations of the Oyster Creek drywell for issues not explicitly considered in the rules applied to the initial construction or as amplification of those rules when the later requirements have equal or more conservatism requirements and all related requirements are met. As used by the Code, requirements are "related requirements" if the approval of one action was contingent on approval of a second action.

3.0 CODE STATEMENTS CONCERNING SUCH USAGE

The ASME Code permits the use of later editions and addenda. For example:

> Section III, NCA-1140(b), 1989 Edition, states that "Specific provisions within an Edition or Addenda later than those established in the Design Specifications may be used providing all related requirements are met."

Section XI, IWE-3122.4, the rules for acceptance by evaluation for metal containments, states that portions of later Editions of the Construction Code or Section III may be used.

4.0 RULES APPLIED TO INITIAL CONSTRUCTION

Burns and Roe Specification S-2299-4 required, in Section 2.1, that the containment vessel satisfy the following ASME requirements:

> Boiler and Pressure Vessel Code, Sections VIII and IX, latest edition, with all applicable addenda; Nuclear Code Case Interpretations 1270N5, 1271N, 1272N5 and other applicable case interpretations.

Because of the July 1, 1964 contract date, the latest applicable addenda was the Winter 1963 Addenda.

The specific Cases identified by Burns and Roe were:

1270N General Requirements for Nuclear Vessels

> States that neither Sections I or VIII precisely covers nuclear vessels, states that the requirements of either Section may be used together with the contents of the applicable "N-Cases", and defines various types of vessels including containment vessels.

1271N Safety Devices

> Permits containment vessels without such devices.

1272N Containment and Intermediate Containment Vessels

Defines special requirements with respect to welded joint types and radiography, stress relief, welded attachments, corrosion provisions, two-stage construction and allowable stresses.

One specific issue of interest here is the requirements on allowable stresses which go beyond the explicit requirements of Section VIII. The explicit requirements of Section VIII addressed only the minimum thickness of the vessel to resist, what we now term, the general membrane stresses which result from Design Pressure(s) and gravity, seismic, and wind loads. Case 1272N required that other types of loads and stresses be evaluated; including, those we now term, local membrane stresses and discontinuity stresses which result from gravity, seismic, pipe and wind loads, Design Pressure(s), normal operating pressures, pressure tests, and thermal gradients.

The other specific issue of interest is the requirements placed on materials, fabrication, examination and testing as they have evolved from those applied to the initial construction of the Oyster Creek drywell to the rules applied in the present reevaluation.

The evolution of the Code rules from the Nuclear Cases used in construction of the Oyster Creek drywell through the Summer 1977 Addenda to Section III is discussed in 5.0. This time period is pertinent because the present rules (1989 Edition with 1989 Addenda and Code Case N-284) contain only relative minor evolutions of the Summer 1977 Addenda, without basic changes affecting the issues presently being considered with regard to the Oyster Creek drywell except as discussed in Sections 7.0 and 8.0 of this document. Also, the design rules of the Summer 1977 Addenda were those implemented by the Mark I Program Plant Unique Analysis Application Guide, so have previously been applied to a reevaluation of the Oyster Creek containment.

The stress limits beyond those of Section VIII, including the transition from the Code Cases to Subsection NE are discussed in Section 6.0 of

the present document. Section 7.0 of the present document discusses the history of the limitations on local membrane stress. Section 8.0 of the present document compares the materials, fabrication, examination and testing procedures applied to the construction of the Oyster Creek drywell with those of the Code rules at the time the drywell was constructed and with the rules of the present Code, including Case N 284.

5.0 EVOLUTION OF THE CODE REQUIREMENTS FOR CONTAINMENT VESSELS

5.1 Nuclear Cases to Initial Section III

The early development of the rules for nuclear vessels is discussed by E. O. Bergman ("The Basis and Content of a Nuclear Pressure Vessel Code," Preprint Paper No. 94, 1962 Nuclear Congress). Bergman starts with the appointment of a Task Group by the Code Committee in 1954 and discusses the development of the pre-Section III nuclear code cases, including those listed in 4.0 of this document, and of the original 1963 Edition of Section III.

The nuclear code cases required deviations from the rules of the existing Section I or Section VIII. A few deviations, such as those for safety devices, inspection openings, and gage glasses relaxed the existing requirements because of the special hazards associated with nuclear service. Others added requirements for new materials and new constructions. The majority of the deviations provided more restrictive requirements, including the stress limits which are discussed in Sections 6.0 and 7.0 of the present document.

The many revisions to certain of these cases reflect changes made to the cases to maintain consistency with the developing Section III, Nuclear Vessels, 1963. Bergman reviews the contents of this edition in his paper. With respect to the requirements for containment vessels, Bergman states:

> The rules for containment vessels follows the requirement in present Case 1272N.

The "present case" was 1272N5, the revision applied to the Oyster Creek containment.

In preparing the 1963 Edition on the basis of Case 1272N5, some of the Case requirements were expressed in terms of the requirements of specific paragraphs in Section VIII and others were expressed in terms of the requirements for Class A vessels contained in Subsection A of Section III. An example of the later, as applied to the stress limits, is discussed in Section 6.0 of this document. However, there was no change in intent between Case 1272N5 and the 1963 Edition of Section III.

The statement by Bergman, or a comparison (as provided in this document for the aspects of specific interest) of Case 1272N5 and the contents of Subsection B of the 1963 Edition of Section III, confirm that the Code rules for the initial construction of the Oyster Creek drywell were the equivalent of those of the 1963 Edition of Section III. (Note that the Code, and this document, uses the word "construction" shorthand for all of the Code requirements: materials, design, fabrication, examination, testing, overpressure protection, and certification.) This conclusion is also supported by a comparison of the Oyster Creek and Nine Mile Point Unit 1 containments, although the initial construction Code for the latter was Section III because it was slightly later in time than was Oyster Creek.

5.2 1963 - 1977 Summer Addenda to Section III

The evolution of the Section III rules applicable to metal containments from the initial issuance of Section III through the 1977 Summer Addenda was examined by W. E. Cooper as a part of the Mark I containment program ("Mark I Containment Program Structural Acceptance Criteria, Containment System Design Rules and Classification, Task Number 3.1.1," General Electric Company Report NEDO-24522, April 1978).

There were a number of revisions during this time period, the more important of which may be summarized as follows:

Summer 1966 Addenda: Redesignated the material used in the Oyster Creek drywell as SA-516, Grade 70 rather than A-212, Grade B, Firebox Quality.

Winter 1967 Addenda: Revised the requirement in the event that the operating condition did not satisfy the fatigue exemption requirements to permit the local region to be evaluated to the fatigue evaluation for Class A vessels, rather than requiring the entire vessel to be upgraded to Class A. Added alternative requirements with respect to Categories C and D welded joints.

Summer 1969 Addenda: Improved the definition of jurisdictional boundaries, clarified the design rules without change in intent except for consideration of seismic conditions, and clarified the references to Section VIII. Differentiated between the stress limits applicable to the earthquake load for which the power system must remain operational or must regain its operating status (OBE) and that for which safe shutdown is required (SSE). The former was categorized as a normal operating condition and the latter as an emergency or as an upset condition depending upon whether or not the structure was integral. With respect to the Oyster Creek containment, the seismic condition considered is best described as twice the Design Basis Earthquake. Although this quantity is equivalent to today's SSE, the Oyster Creek seismic condition was, and still is, considered to be a normal operating condition in evaluating the drywell. Therefore, this revision is not applicable to the present drywell evaluation.

Since this was the first major rewrite of these rules, the Class MC vessels constructed to the rules of Section VIII with the nuclear cases or to Section III 1963 Edition through the Winter 1968 Addenda were essentially constructed to the same rules.

Winter 1970 Addenda: In anticipation of the major revision to Section III to appear in the 1971 Edition, introduced the designation change from Class B Vessels to Class MC Vessels, clarified the Scope for containment vessels, specifically identified the Section VIII paragraphs referenced, and described the technical changes between the 1968 Edition with addenda and the 1971 Edition. No such changes were identified for containment vessels.

1971 Edition: Implemented the Winter 1970 Addenda. Introduced the terms normal, upset, emergency, and faulted conditions in NE-3321, but stipulated that the containment function not be categorized as an emergency or faulted condition.

Summer 1972 Addenda: Deleted the operating condition categories introduced in NE-3321 of the 1971 Edition. Eliminated the need to reference other Section III Subsections and the contents of Section VIII by the development of a self-contained document, including a cross-index between the applicable paragraphs of the previous text and those of the addenda. One of the revisions to eliminate the need to refer to Subsection A was the addition of NE-3228 covering the application of plastic analysis. This copied NB-3228 except that the use of Plastic Analysis was restricted to the evaluation of local membrane stresses because NB-3222 was not copied into Subsection NE. The Winter 1973 Addenda to Subsection NE

included NE-3222 and NE-3228 was revised to permit full application as was permitted for Class 1 vessels.

Identified 14 "essential differences" from the previous rules. With respect to the 14 essential differences: the first four redefined the definition of Design Pressure and the values of the allowable stresses in a manner consistent with the pre-Section III Code Cases; four added new stress tables, eliminating materials not being used for containments, and added additional materials; and, individual items changed the external pressure rules from those of Section VIII to those of Section III, eliminated formulas for special shapes, eliminated Section VIII paragraphs not applicable to containments, added repairs without PWHT, added special examinations for appurtenances, and added Appendix X. None of these are pertinent to the present issues with respect to the Oyster Creek drywell.

The impact of the change in external pressure design rules is included in Section 8.0 of the present document. Since Code Case N-284 is being applied to this reevaluation, rather than the design rules placed in NE-3000 by this addenda or subsequent changes to NE-3000 relative to external pressure design, the pertinent aspects of the changes which resulted from this Addenda are those which apply to forming tolerances.

Winter 1972 Addenda: Introduced special requirements for jet impingement and associated reactions in NE-3131.2.

Winter 1973 Addenda: Revised the postweld heat treatment requirements. Identified a number of editorial corrections. Included NB-3222 as a copy of NB-3222. Revised the requirements for plastic analysis in NE-3228 to be

identical to those in NB-3228. The requirements are identical to those in the 1989 Edition of Section III when subsequent paragraph renumbering is considered.

1974 Edition: Definition of the containment system was revised, but contained an anomaly which was corrected by the Winter 1974 Addenda. Clarified the stress limits applicable to jet impingement and associated reactions in NE-3131.2.

Winter 1974 Addenda: Modified the stress limits applicable to jet impingement and associated reactions in NE-3131.2.

Winter 1975 Addenda: The 1974 Edition anomaly was corrected by a complete rewrite of NE-1000.

Summer 1976 Addenda: Definition of local membrane stress revised, see Section 7.0 of this document.

Summer 1977 Addenda: Defined the various design parameters and Service Levels for containment in a manner consistent with the generally applicable definitions placed in NCA-2140 by the Winter 1976 addenda. Most importantly from the viewpoint of the present document, NE-3000, covering the design of Class MC vessels was revised to place emphasis on the "design by analysis" approach.

Specifically, NE-3131, General Requirements, was revised to make it clear that satisfaction of the Design by Analysis requirements of NE-3200 was the primary requirement, and that the Design by Rule requirements of NE-3300 only applied "in the absence of substantial mechanical loads or thermal loads other than pressure --- for those configurations which are explicitly treated in NE-3300."

It is the opinion of the writer that this revision did not change the requirements on containment design which had been applicable from the time Case 1272N5 was developed through the entire development of Section III to the date of this addenda. However, the revision did properly state the intended emphasis and, in conjunction with the added requirements with respect to Service Levels, provided a major clarification as to the intent of Section III.

5.3 Conclusion of Section 5.0

The original preparation of the 1963 Edition of Section III and the revisions made through the Summer 1972 Addenda were evolutionary, and did not change the basic considerations in containment design from those contained in Case 1272N5 except for the change in the forming tolerance rules which resulted from the change in external pressure rules from those of Section VIII to those applicable to Section III, Class 1 vessels, as discussed in Section 8.0 of the present document. The intent of the initial construction rules applied to the Oyster Creek containment was maintained. Rules were amplified and clarified, there were detailed changes in requirements without change in concept, and there were a number of changes (such as the distinction between OBE and SSE, added requirements with respect to jet impingement and associated reactions, and the definition of the various service levels) which addressed issues not applicable to the present evaluation of the Oyster Creek drywell.

This review of the general evolution of the Code requirements for containment vessels, when considered together with the more detailed review of the stress limits beyond those of Section VIII contained in Section 6.0 of this document and the even more detailed review of applicable issues included in Sections 7.0 and 8.0 of this document, indicates the appropriateness of applying the rules of Subsection NE to the present Oyster Creek evaluation.

6.0 STRESS LIMITS BEYOND THOSE OF SECTION VIII

6.1 Comparison of Case 1272N5 and 1963 Edition of Section III

Although the initial rules for construction were Section VIII plus the applicable nuclear code cases, the requirements of the cases applied when there was conflict with the requirements of Section VIII. The explicit Section VIII design requirements, those which consider the general membrane stress due primarily to Design Pressure and Design Temperature, were not revised by the case except that the basic allowable stress, S, was increased by 10% when the Design Pressure and Temperature are based on the maximum values which will be attained during the most severe credible incident. However, Case 1272N5 contained specific limits on combined general membrane, general bending, and local membrane stresses and on the sum of these quantities plus secondary stresses. Such limits were intended to provide specific guidance in response to the Section VIII, Par. U-2(c) requirement that:

> The Code does not contain rules to cover all details of design and construction. Where complete details are not given, it is intended that the manufacturer, subject to the approval of the authorized inspector, shall provide details of design and construction which will be as safe as those provided by the rules of this Code.

Although the terminology used in Case 1272N differed slightly from that adopted by Section III, the definitions clearly indicated the intent to be the same. The limits were also quite similar. The limit on combined general membrane, general bending, and local membrane stresses was stated as 1.5 times 1.1 S, which is, in present terminology, 1.5 S_{mc}. The limit on the sum of these quantities plus secondary stresses was stated as 3 S.

The consistency between the intent of these special limits in the Code Case and in Section III is even more obvious when the relevant

contents of the 1963 Edition of Section III are considered. There, one of the provisions for permitting an allowable stress of 1.1 S is, in N-1310(f):

> The requirements of N-414.1, N-414.2, N-414.3, and N-414.4 of Subsection A are met for the stress values specified above.

The referenced N-400 paragraphs contain, respectively, the limits applicable to general primary membrane, local membrane, primary membrane (general or local) plus primary bending, and primary plus secondary stress intensities in Class A (now Class 1) vessels. However, the basic stress allowable for containment evaluations remained 1.1 S, not S_m.

Reference to the N-400 paragraphs for these requirements had the effect of amplifying the requirements of Case 1272N, in that alternative procedures were permitted for some of the stress limits. For example, N-417.5(b)(2) stated that:

> In lieu of satisfying the specific requirements of N-414.2 N-414.4, N-417.3, and N-417.4, at a specific location, the structural action is calculated on a plastic basis and the design shall be considered to be acceptable if shakedown occurs, as opposed to continuing deformation, and if the deformations which occur prior to shakedown do not exceed specified limits.

6.2 Subsequent Treatment of Limits

The subsequent treatment of these limits, until emphasis was placed on this "Design by Analysis" approach by the Summer 1977 Addenda, was reviewed in NEDO-24522 as follows:

> Prior to the Summer 1972 Addenda, the specific rules were not included in the containment vessel subsection, but

were referenced to the Class 1 (or A) rules. A symbol L1, L2, L3, or L4 is used herein for the purpose of identifying these requirements. For reference purposes, the following table identifies the pertinent paragraph references using the usual Code terminology as follows:

L1	P_M	General primary-membrane limit
L2	P_L	Local membrane limit
L3	$P_L + P_b$	Primary membrane plus bending limit
L4	$P_L + P_b + Q$	Primary-plus-secondary limit

Ed. or Add.		Applicable	Limit			
From	To	Class(es)	L1	L2	L3	L4
63E	71E	A & B	N-414.1	N-414.2	N-414.3	N-414.4
71E	S72A	1 & MC	NB-3221.1	NB-3221.2	NB-3221.3	NB-3222.2
S72A	74E	MC	NE-3221.1	NE-3221.2	NE-3221.3	NE-3222.2
74E	S77A	MC	NE-3221.1	NE-3221.2	NE-3221.3	NE-3222.2
S77A	Now	MC	NE-3221.1	NE-3221.2	NE-3221.3	NE-3221.4

Given a specific allowable value for the limit on L1, the numerical values on the other limits may be expressed as:

$$(L2) = (L3) = 1.5(L1)$$
$$(L4) = 3.0(L1)$$

Case 1733, effective November 3, 1975, modified the L3 limit applicable to pressure and mechanical loads plus the safe shutdown earthquake for structural members other than solid rectangular sections. This modification permitted use of limit analysis considerations in establishing the numerical coefficient used with the L3 limit. Both the Winter 1975 and Summer 1976 Addenda

contained revisions to the definition of Local Primary-Membrane stresses in NE-3213.10, as discussed in 7.0 of this document.

The numerical value of the stress limit (L1) and the definition of the Design Pressure (Pd) when considering the containment function changed from time to time as follows, using S to designate the Section VIII allowable value and Pm to designate the maximum containment internal pressure under conditions for which the containment function is required:

Ed. or Add. From	To	Numerical Value (L1)
Case 1272N5		1.1 S with Pd = Pm
63E	W65A	1.1 S with Pd = Pm
W65A	S69A	S with Pd = 0.9 Pm
S69A	S72A	S with Pd = Pm, except Class 1 (or A) Sm value used with L4 in regions requiring fatigue evaluation
S72A	S77A	1.1 S with Pd = Pm
S77A	Present	Smc = 1.1 S with Pd = Pm

There has been some variability in these stress limits as Code changes have been made, but there has been no change in the required thickness which is dependent upon the ratio of Pd and the numerical value of (L1). The only significant change was in the Summer 1969 Addenda, which permitted use of the Class 1 (or A) Sm values with the L4 limit in regions where fatigue evaluation was required. Since the Sm value may be as large as 1.33 S, this change may be significant. It is justified on the

grounds that the purpose of this limit is primarily to validate the elastic fatigue analysis.

The Summer 1977 Addenda to NE-3000 clarifies the preceding discussion by expressing the applicable limits in terms of the allowable stress intensity values S_{m1} and S_{mc} where:

S_{m1} are the values of Table I-1.0

S_{mc} are the values of Tables I-10.0, which are 1.1 S, where S is the Section VIII, Division 1 allowable value.

The Summer 1977 Addenda redirects the containment design effort to place emphasis on design by analysis procedures, is consistent with the overall Code revisions to clarify the use of Service Levels, and establishes various levels of design limits which are not specifically associated with the operating conditions.

It should also be noted that certain of the limits on primary and primary-plus-secondary stresses may be waived if plastic analysis techniques are applied. These alternative rules are provided in NE-3228 and may be summarized as follows:

If rules of listed paragraph are met:	The limits on the following are waived:
NE-3228.1	L2, L4
NE-3228.2	L2, L3
NE-3228.3	L4

Note that use of these rules may also affect the evaluation of other stress limits, including the fatigue limits.

6.3 Conclusion of Section 6.0

Stress limits beyond those of Section VIII have been provided throughout the time period of interest. Case 1272N5 contained explicit limits which addressed what are now termed general membrane stresses, local membrane stresses, primary bending stresses, and secondary stresses. These provisions were incorporated in the 1963, original, edition of Section III by reference to Class A (now Class 1) requirements. Additional provisions, such as that addressing fatigue, and alternative provisions, such as that permitting limit analysis, were thereby incorporated.

Subsequently, these provisions have been clarified and amplified without change in the basic considerations in containment design except for forming tolerances as discussed in Section 8.0 of the present document.

This review of the stress limits beyond those of Section VIII, when considered together with the general evolution of the Code requirements for containment vessels contained in Section 5.0 of this document and the even more detailed review of stress limit requirements included in Section 7.0 of this document, indicates the appropriateness of applying the rules of Subsection NE to the present Oyster Creek evaluation.

7.0 DEFINITION OF LOCAL MEMBRANE STRESS

7.1 Evolution of the Definition of Local Membrane Stress

Although the limit on the sum of the Primary (General or Local) Membrane plus Primary Bending Stress Intensity has remained a constant

multiplier on the Primary Membrane Allowable Stress, at a value of 1.5, the definition of Primary Local Membrane Stress has varied with time. In particular, the size of a stressed region which may be considered as local has varied.

Case 1272N5: There was no size limitation given, the definition simply reflecting two examples, in the last footnote:

> (2) Local membrane stresses in a shell produced by the external load and moment at a permanent support or nozzle neck.
>
> (3) Local membrane stresses acting circumferentially at points of discontinuity, such as head-to-shell or nozzle-to-shell junctions.

1963 Edition, N-412(j): A stressed region may be considered as local if it does not extend in the meridional direction more than $0.5\sqrt{(Rt)}$ and if it is not closer in the meridional direction than $2.5\sqrt{(Rt)}$ to another region where the limits of general primary membrane stress are exceeded, where R is the mean radius of the vessel and t is the wall thickness at the location where the general primary membrane stress limit is exceeded.

Summer 1965 Addenda, N-412(j): A stressed region may be considered as local if the distance over which the stress intensity exceeds $1.1\ S_m$ does not extend in the meridional direction more than $0.5\sqrt{(Rt)}$ and if it is not closer in the meridional direction than $2.5\sqrt{(Rt)}$ to another region where the limits of general primary membrane stress are exceeded, where R is the mean radius of the vessel and t

is the wall thickness at the location where the general primary membrane stress limit is exceeded.

Summer 1976 Addenda, NE-3213.10: A stressed region may be considered local if the distance over which the membrane stress intensity exceeds 1.1 S_m does not extend in the meridional direction more than 1.0 $\sqrt{(Rt)}$, where R is the minimum midsurface radius of curvature and t is the minimum thickness in the region considered. Regions of local primary stress intensity involving axisymmetric membrane stress distributions which exceed 1.1 S_m shall not be closer in the meridional direction than 2.5 $\sqrt{(Rt)}$, where R is defined as $(R_1 + R_2)/2$ and t is defined as $(t_1 + t_2)/2$, where t_1 and t_2 are the minimum thicknesses at each of the regions considered, and R_1 and R_2 are the minimum midsurface radii of curvature at these regions where the membrane stress intensity exceeds 1.1 S_m.

This is the definition in NE-3213.10 of the present Code, except that S_{mc} has replaced S_m.

7.2 Conclusion of Section 7.0

Since the definition in the Code Case applicable to the construction of the Oyster Creek containment had no dimensional limitations, use of the present definition is more restrictive than that used for initial construction and is proper for usage in the present Oyster Creek evaluation.

An important aspect in considering the use of the Subsection NE rules as guidance in the present evaluation is the definition of the base stress above which the stress is considered to be local. Neither Case 1272N nor the 1963 Edition or its Addenda defined this quantity. The Summer 1965 Addenda included such a definition, and defined the base stress

as 1.1 S_m. (Since reference was still being made to Subsection A for the requirements which applied design by analysis concepts, the quotation is from that Subsection. The rules in Subsection B made it clear that the allowable value for S_m was to be taken as 1.1 S, where S is the Section VIII value of the allowable stress.) Currently, one would state the base stress as 1.1 S_{mc}.

There never has been a Code limit for the extent of the region in which the membrane stress exceeds 1.0 S_{mc} but is less than 1.1 S_{mc}. This 10% variation in allowable stress was provided because of the "beam on elastic foundation" effects of such local regions, the stress decays as one moves away from the thin region, but overshoots the general membrane stress value by a small amount as the effects vary with distance. It may be possible for one to argue that this provision is equivalent to a 10% increase in the allowable stress which can be taken advantage of in the original design to save material, but this argument is clearly contrary to the intent of the Code. However, given a design which satisfied the original Code intent, as the Oyster Creek drywell did as originally constructed, it is not a violation of the Code for the membrane stress to be between 1.0 S_{mc} and 1.1 S_{mc} over significant distances.

8.0 DISCUSSION OF MATERIALS, FABRICATION, AND EXAMINATION ISSUES

Attachment 1 of the present document is a copy of a report prepared by Chicago Bridge and Iron Nuclear (CBIN) describing the materials, fabrication, examination, and testing practices followed in the construction of the Oyster Creek drywell, including any changes in the CBI practices in the construction of the Mark I drywells constructed to Section III requirements.

In general, the contents of Attachment 1 support the conclusion of this document. Possible exceptions are discussed in the following subsections of this Section 8.0.

8.1 Material Requirements

The possible exception exists because the Code requirements with respect to impact testing when the Oyster Creek drywell was constructed, the requirements imposed by CBI on the construction of the Oyster Creek drywell, and the requirement imposed by the present Code differ. These differences are examined to establish that this possible exception is not significant to the conclusion of this document.

Code Case 1272N5(b)(1) required that plates not inside a heated enclosure be ordered to SA 300 and impact tested in accordance with UG-84 at or below the lowest metal service temperature (LST) - 30°F. UG 84, and SA-300, required that the impact testing be of the Charpy Keyhole or U-notch type (C_k) and indicate a 15 ft-lb minimum for the average of 3 specimens and have a minimum value of 10 ft-lb for the three specimens at or below the LST. In accordance with the Ralph M. Parsons Company, "Primary Containment Design Report", Section 1.2.4, the LST is 50°F but to provide an additional factor of safety, 30°F was used for the design basis. UG-84 did not substitute the Charpy V-Notch (C_V) test for the C_k test until the Summer 1969 Addenda, which required 15 ft-lb average and 12 ft-lb minimum, both for three specimens, at or below the LST.

The possible exception to nuclear requirements is that NE 1210 of the 1963 Edition of Section III required 20 ft-lb average and 15 ft-lb minimum, both for three specimens, using Charpy V-Notch (C_V) specimens and testing at or below LST - 30°F. The C_V test is retained by the 1989 Edition of Section III but, when impact testing of this material is not waived, the energy values required by Table NE-2332.1-2 for the thickest sphere material are 25 ft-lb average and 20 ft-lb minimum, both for three specimens, at or below the LST.

The Oyster Creek drywell was constructed of carbon-silicon steel plates ordered to SA-212, Gr. B, Firebox Quality meeting the requirements of SA-300. As indicated in 5.2 of the present document, the designation of this material was changed to SA-516, Gr. 70 by the Summer 1966

Addenda. By the material specifications, the material is normalized, fully killed and melted to fine grain melting practice. The drywell plate was impact tested, using the Charpy V-Notch specimen (C_V) at 0°F to 20 ft-lb minimum. The material specification and impact test complied with Code Case 1272N5 and with the 1963 Edition of Section III; and, if testing were required, with the minimum energy requirement of the 1989 Edition of Section III.

The possible exception is further resolved by showing that impact testing would not have been required if the present Subsection NE requirements were applied to the Oyster Creek drywell. The present NE 2121(c) permits material which is not impact tested to be used if it is normalized or quenched and tempered, fully killed, and melted to fine grain melting practice and the provisions of Table NE-2311(a)-1 are satisfied. That table exempts SA-516 Grade 70 in the normalized condition, from impact testing if the listed value of T_{NDT} (0°F) is lower than the LST by an amount established by the rules of Appendix R. By Appendix R, the permissible LST is defined as T_{NDT} + A. For thicknesses up to 2.5 inches A = 30°F. Therefore impact testing would not be required by the present Code rules unless the LST were less than 30°F, and the Oyster Creek drywell material would not require impact testing.

8.2 Forming Tolerances

Code Case N-284, the rules for buckling applied in the present evaluation, requires, in -1500, that the forming tolerance requirements of NE-4220 be satisfied. The possible exception exists because the requirements of NE-4220 were not in effect when the Oyster Creek drywell was constructed. The requirement imposed by Case N-284, the Code requirements at the time of construction, and the requirements imposed by CBI on the construction of the Oyster Creek drywell are examined to establish that this possible exception is not significant to the conclusion of this document.

The present (1989 Edition) NE-4220 imposes "roundness" requirements and "shape" requirements. These may be summarized as follows:

Roundness: the difference between the maximum and minimum inside diameters at any cross section shall not exceed 1% of the nominal diameter at the cross section under consideration. For the drywell, this would be an allowable difference of 8.4".

Shape: The maximum radial deviation from the true circular form shall not exceed the maximum permissible deviation 'e' over a specified arc length. The value of 'e' is determined from Fig. UG-80.1 as a function of the outside diameter divided by the radius (730) and the "length between stiffening rings" divided by the outside diameter. For spheres the "length between stiffening rings" is defined as one-half of the outside diameter, so that the second ratio is 0.5. The resulting point falls above the highest curve which permits e = t = 1.154". The arc length over which the measurement is to be made is defined as twice that determined from Fig. UG-29.2 as a function of the same ratios, so is 115" or 9.5'.

The Code rules in effect at the time of construction of the Oyster Creek drywell, the 1962 Edition of Section VIII with addenda through Winter 1963 and Code Case 1272N5 contained fabrication tolerances for cylinders and formed heads but not for spheres. Section III retained these provisions for containment vessels until, as was noted in 5.2 of this document, the Summer 1972 Addenda when the procedures required for Class A vessels were adopted for containment vessels. The essential changes from the previous Section VIII requirements were that spherical vessels were included and the rules previously applied to vessels subject to external pressure were also applied to vessels subject to internal pressure. This was implemented, in part, by defining the "length between stiffening rings" for spherical vessels as one-half of the outside diameter.

The NE-4220 requirements in the 1989 Edition of Section III are essentially identical to those of the Summer 1972 Addenda, the slight

changes in the curve for 'e', which make the curve slightly less conservative, do not affect the value for the drywell.

The procedures actually applied by CBI in the construction of the Oyster Creek drywell are described in Attachment 1. The sequence of fabrication was forming of individual plates, making vertical welds to assemble the individual plates into rings, and making horizontal welds to join the rings. Since Case 1272N5 and Section VIII had no requirements applicable to this drywell, all dimensional checks made by CBI during construction of this drywell were made to assure that the completed vessel was within drawing tolerances and that the plates were formed to tolerances intended to assure that the vessel could be fabricated. Attachment 1 summarizes the procedures used and concludes that:

> The vessel as fabricated is made up of cylindrical plates which are considerably closer to the true curvature than that required by today's Code. The out-of-roundness is believed to also be compatible with today's Code, however, specific documented checks or procedures are not readily available.

This review indicates that the specific dimensional checks documented by CBI in fabrication of the Oyster Creek drywell were not sufficient to demonstrate satisfaction of the NE-4220 requirement on the deviation between maximum and minimum diameters or on the deviation from true spherical shape. However, the measurements made by CBI to assure fabricability provide reasonable assurance that the "shape" control was equal to or better than that required by NE-4220.

Based upon the buckling analysis performed by GE, the forming tolerance issue of most importance is that of local shape, the lower modes of buckling which are sensitive to gross out-of-roundness are not of interest. Also, since the buckling analysis performed by GE considered the eccentricity between the corroded and uncorroded regions in the shell, the

provisions of NE-4221.4 are important. NE-4221.4 permits deviations from the specific tolerances stated in NE-4220 "provided the drawings are modified and reconciled with the Design Report and provided the modifications are certified by a Registered Professional Engineer in an addendum to the Stress Report." The evaluation performed by GE is consistent with this provision.

In summary, it is the opinion of TES that the matter of the forming tolerances applied in construction of the Oyster Creek drywell is not a valid basis for an exception to the conclusions expressed in Section 2.0 of this document.

8.3 Conclusion of Section 8.0

Based on the review conducted by CBIN, and included as Attachment 1, and the evaluation of possible exceptions contained in the other subsections of Section 8.0, the materials, fabrication, examination, and testing procedures applied in the construction of the Oyster Creek drywell are consistent with the Conclusion of this effort as stated in Section 2.0 of this document.

Technical Report
No. TR-7377-1

TELEDYNE
ENGINEERING SERVICES

ATTACHMENT 1

FABRICATION, INSPECTION, NDE AND TESTING PRACTICES

FOLLOWED BY CBI

IN THE CONSTRUCTION OF THE OYSTER CREEK DRYWELL

Prepared by

CBI

I. General

The spherical plates were provided in accordance with ASME VIII, 1962 Edition, including the Summer 1964 Addendum and Code Cases 1270N-5 and 1272N-5. For purposes of comparisons, the requirements of the Code of Record will be contrasted with those of the 1989 Edition of ASME III, Subsection NE.

II. Fabrication Tolerances

The Code of Record, par. UG-80, provide guidelines for Permissible Out-of-roundness of cyclindrical shells subjected to a) Internal Pressure and b) External pressure. The rules for external pressure further define local deviations from a circular template. The code of record does no provide tolerances for spheres, neither gross out-of-roundness tolerances nor local deviations. Based on the lack of detailed requirements at that time, CBI most probably reverted to inhouse tolerance practices. These are based on CBI's interest in having spherical shell plates which will ensure efficient field fit-up and minimal field adjusting, including triming.

The following are excerpts from CBI's inhouse standards describing shop fabrication tolerances. (These were in effect in 1965, but not formally printed as a CBI Standard until 1970).

0.1 Scope: Gives desired limits on finished plate dimensions, curvature and bevels for dished spherical plates. Gives normal fabrication practices for forming, marking and burning dished spherical plates.

1.0 FABRICATION LIMITS

The following are within normal fabrication limits and should be achievable without spending an excessive amount of time and care with set-ups. If dimensions fall outside these limits, it does not mean the plate has to be discarded. It does mean consideration should be given to making compensation for the variance. It means the Construction and Engineering Departments must be advised of the variance.

1.1 Tolerances for Templets

1.1.1 All are dimensions: ± 1/32"

1.1.2 All diagonal dimensions: ± 1/16"

1.2 Dimensional Limits for Finished Plate

1.2.1 Burned edge from gage line if used: ± 1/32"

1.2.2 Area: Transverse ± 3/32"

Longitudinal ± 1/8"

Diagonal ± 1/8"

1.2.3 Land Location: ± 1/16"

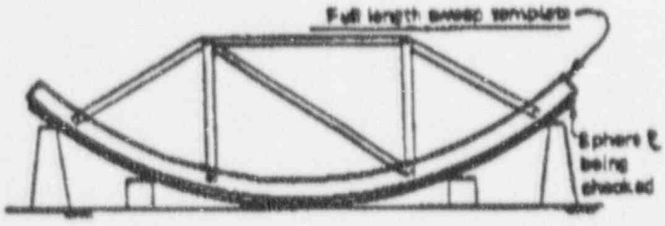
1.2.4 Land Width: ±1/16"

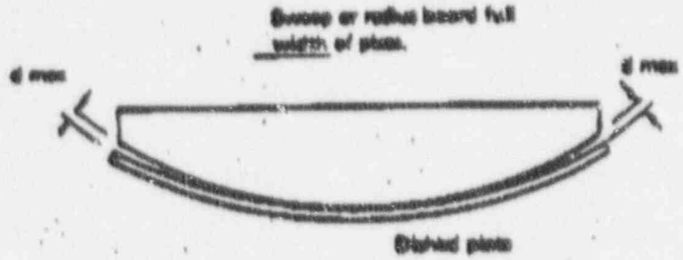
1.2.5 Edge Bevels:

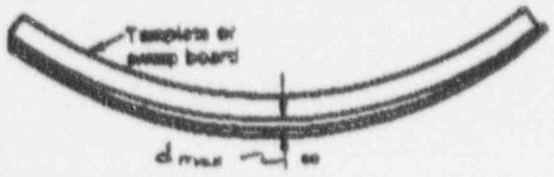
1.3 Deviations From Sweep Board: All dimensions in Table 1.3a are measured from a full length sweep unless noted otherwise.

Table 1.3a Curvature Deviations

Sweep Location	Plate Thickness	d Max in Fig 1.3b
ALONG LONGITUDINAL EDGE	Up To 3/4"	1/4"
	Over 3/4"	1/8"
ALONG TRANSVERSE EDGE	Up To 3/4"	1/8"
	Over 3/4"	3/32"
LONGITUDINAL THRU CENTER OF PLATE	Up To 3/4"	3/8"
	Over 3/4"	1/4"
TRANSVERSE THRU CENTER OF PLATE	Up To 3/4"	3/16"
	Over 3/4"	1/8"







For the 1.154" thick plate, the full length sweep type template would have been about 22 feet long and cut to a 35'-0 radius. The maximum permissible deviation, using inhouse standards was 1/4". This is equivalent to an e= 0.25/1.154 or 0.217.

Similarly, the full width template would have been about 9'-3" wide and also cut to a 35'-0 radius. The maximum permissible deviation, using inhouse standards was 1/8". This is equivalent to e = (0.125/1.154) = 0.108.

Now compare the above values to those now required by NE-4221 of ASME III, Div. 1, 1989 Edition. From NE-4221.2 (c) (3) for spheres L is one half of the outside diameter, Do in inches. In this case (840 + 2x1.154)/2 = (842.308")/2 = 421.154".

From Figure NE-4221-2-2; for L/D_o = .5 and Do/t = (842.308/1.154) = 730, template arc = .068 D_o

From NE - 4221.2 (a) 1.

2x arc length = chord = 2 x .068 x 842.308 = 114.55 inches or 9.54 ft.

The chord lengths actually used were about 22 ft and 9'-3" which are either about equal to or considerably greater than that now required.

The allowable eccentricity from Figure NE-4221.2-1 for L/o = .5 and Do/t = 730 is in the region above 1.0t. To be conservative, we will assume the maximum would be e = t = 1.154". (or 1.0t)

It is therefore obvious that the actual "as produced" tolerance which permitted a deviation of 1/8" over a 9'-3 wide template is considerably more demanding than that permitted by the 1989 version of ASME III which would permit a deviation of 1.154" over a 9.54 ft wide template.

The above fabrication tolerances are applicable to the shop only. The justification of these tolerances, which are about 1/8 of those permitted by Code lies in CBI's interest in providing plates to the field site which are

so accurately formed as to preclude any possibility of requiring field adjustments. Economics dictated these shop tolerances.

Having established this shape accuracy and linear dimensions within ± 1/32" as shown in this report, the field fitup was achieved by matching adjacent seams and maintaining a constant weld gap throughout the entire length of the seam. This normally established the correct curvature across a weld joint. Checking of this curvature at each weld joint by use of a 9 feet or 10 foot sweep template was commonly done, but was not mandatory as far as we are able to determine at this time. Judicious field personnel interested in being assured that the closure plate would fit without readjustment of previously welded seemed to plan ahead by using these sweep templates as they progressed around the sphere.

As far as we can determine, there were no diametral checks recorded at the time the vessel was erected. None were required since the code did not address spheres. The roundness was established by having accurately formed individual plates, a correct total circumference and some checks of curvature across weld joints.

Conclusion: The vessel as fabricated is made up of spherical plates which are considerably closer to the true curvature then that required by today's code. The out-of-roundness is believed to also be compatible with today's code, however, specific documented checks or procedures are not readily avaialble.

III. Non Destructive Examinations

The project drawings called for the following NDE

1. All butt welds - 100% RT
2. All non-radiographable joints and fillet welds - 100% MT or PT (before and after pwht)
3. Solution film test all welds at 5 psi, and at design pressure

The 1989 Edition of ASME III, NE-5000 requires the same level of NDE. The technique and acceptance criteria is also essentially the same as the 1962 Edition of ASME VIII.

Code Case 1270N-5, par. 4 allowed embedment of the bottom prior to test.

IV. Welding

The past weld heat treatment, welding procedures, procedure qualification essential variables and individual welder qualifications are essentially the same in 1989 as they were in 1964, to the best of our knowledge.

V. Materials

The materials were ordered to the Charpy requirements of A300. These were 20 ft-lbs at 0 F, longitudinal Vee notch type tests. Although there are some subtleties in today's requirements, they are essentially the same as those provided.

Since the strain in the sphere plates is about .2%, the materials is exempt from cold forming qualifications and not buffer need be added per NE-4213.1 (d), of ASME III, 1989 Edition.

VI. Conclusions

The above information is based on CBI's efforts to determine what practices were in use at the time that the Oyster Creek Containment Vessel was constructed. The information is based on verbal discussions with many of ther personnel who were working in CBI's shops and construction sites at the time. The accuracy of the descriptions, with the exception of the exerpts from the the standards, are subject to the ability of those poled to remember what they did 25 years ago.

Based on all of the above, it appears that the essential ingredients of fabrication, NDE, inspection and testing practices used at the time that the vessel was built are compatible with those currently requires.

APPENDIX B

SEISMIC ANALYSIS DETAILS

INTRODUCTION

The seismic input motions, drywell dynamic models, analytical methodology, and results associated with the seismic analyses performed to generate the seismic input loads required for the Oyster Creek Drywell Corrosion Structural Evaluation are contained in this Appendix B report.

SEISMIC ANALYSIS INPUT LOAD DEFINITION

The drywell seismic analysis input loads were provided to GE by GPUN in Reference 1-4. The seismic inputs were provided in terms of 2XDBE and DBE Amplified Response Spectra (ARS) at drywell elevations (-) 19'-6" and (+) 95'-3". The lower elevation corresponds to the drywell/mat foundation interface and the upper elevation the drywell lateral constraint interface at the reactor building. Horizontal spectra were provided at both drywell support locations. Vertical spectra were supplied at the mat foundation interface.

DRYWELL DYNAMIC MODELS

The same axisymmetric finite element model used for the current ASME Code Section VIII Stress Analysis of the Oyster Creek drywell was also employed for the seismic analysis. The axisymmetric model is comprised of isoparametric solid elements of revolution having four node point. There are three translational degrees-of-freedom associated with each finite element node point.

SSE seismic analyses were completed for the following four drywell configurations:

Model 1:	Unflooded Drywell with Sand Stiffness
Model 2:	Unflooded Drywell without Sand Stiffness
Model 3:	Flooded Drywell with Sand Stiffness
Model 4:	Flooded Drywell without Sand Stiffness

Models 1 and 3, with the sand stiffness, were comprised of 1794 nodes and 1268 finite elements whereas Models 2 and 4, without the sand stiffness, were comprised of 1762 nodes and 1236 finite elements.

The models were generated to perform static stress analyses which require a relatively fine grid refinement. The grid refinement for stress analysis is much finer than is required for dynamic analysis.

The computer requirements associated with the dynamic analysis of such a refined static stress model are prohibitive. Consequently, Guyan reductions were completed in ANSYS before completing the axisymmetric eigen and response spectrum analyses. In the Guyan reductions, Master Node degrees-of-freedom were manually selected for all nodal degrees-of-freedom having concentrated masses. The remaining dynamic degrees-of-freedom were then selected by ANSYS to optimize the mass distribution between the Master Nodes. There were 270 dynamic degrees-of-freedom in each seismic model after the Guyan Reductions.

The hydrodynamic mass of the disk of water in the drywell encircled by each individual finite element of revolution was uniformly concentrated to the element node points for the flooded drywell condition. Eighty percent of the total disk volume was used to calculate the hydrodynamic mass in order to account for the volume of the RPV, shield wall, and pedestal. Fluid-structure interaction between the drywell, the enveloped water, and the shield wall/RPV & Internals/pedestal was conservatively neglected. That is, the response attenuation generally associated with the dynamic coupling through the mass matrix for these components was neglected.

A more detailed description of the actual drywell physical geometry as well as the drywell finite element model is given in Section 3.1 of this report.

METHODOLOGY

Uniform Support Motion Response Spectrum Analysis. The drywell seismic responses were obtained by Uniform Support Motion Response Spectrum analyses of the dynamic models described above. The uniform support motion input spectra in the horizontal and vertical directions were taken as the envelopes of the corresponding spectra at the lower (basemat) and upper (lateral support of the Reactor Building) drywell support locations. The response spectrum analysis option in ANSYS allows only one waveform per analysis. Consequently, separate analyses were performed for each of the three spatial directions of excitations. Colinear modal response contributions were combined by the Double Sum method to account for closely spaced modes per Regulator Guide 1.92 and Standard Review Plan (SRP) 3.7.2. The methodology applied to account for the response contributions due to the truncated higher frequency modes is described below.

Relative Support Displacements. Seismic excitation results in relative support motions between the lower drywell support at the basemat and the upper drywell lateral support at the Reactor Building. The drywell relative support motion is due to the fact that Reactor Building is much stiffer and much more massive than the drywell.

Axisymmetric Analysis via Fourier Decomposition. In general, the ANSYS axisymmetric analysis is completed by a Fourier decomposition of both the equations of motion of the axisymmetric model and the applied forcing functions. Eigenanalyses and corresponding dynamic analyses are completed for each Fourier harmonic (n=0,1,2,3,-----). The total responses are then taken as the Fourier composition 'series) of corresponding responses from all the Fourier harmonics.

Consistent with seismic analyses from mathematical, beam element seismic models, only the First Fourier Harmonic (FFH) was utilized in the drywell seismic analyses. Each node point circle moves as a rigid body (i.e, zero deformation) under dynamic excitation for the FFH. This corresponds to "plane sections before bending remain plane sections during bending" for beam theory. Consequently, the FFH corresponds to the structure mode of the drywell and the FFH seismic responses will be consistent with those obtained from mathematical, beam element models.

Response Contributions Due to Truncated Higher Modes. The response spectrum analyses were completed by modal superposition. The methodology outlined in SRP 3.7.2, Appendix A, Rev. 0 - August 1989, is applied to calculate the response contributions due to the truncated higher modes.

All modes up through the zero period acceler' 'on (ZPA) frequencies of the seismic input motion spectra were included in the response spectrum analyses. Colinear, modal response contributions are combined by the Double Sum method per Regulatory Guide 1.92.

Per Appendix A to SRP 3.7.2, the missing mass responses are obtained from static analysis in which the applied load at each degree-of-freedom of the model is equal to the product of 1) the ZPA, 2) the degree-of-freedom mass, and 3) the sum of the model fraction of the degree-of-freedom mass for all truncated higher modes.

For the actual missing mass static calculation, Factor 3 above was conservatively replaced by unity for all degrees-of-freedom.

Combination of Colinear Seismic Response Contributions. All colinear modal response contributions were combined by the Double Sum Method and the spatial contributions by the SRSS method. The response contributions due to the truncated higher frequency modes were combined with the response totals due to the lower frequency modes included in the analysis by the SRSS method. The resulting total colinear inertia responses were combined with the corresponding responses due to relative support motion by the absolute sum method.

APPENDIX C

DETAILED STRESS ANALYSIS RESULTS FOR UNIT LOAD CASES

This appendix presents a summary of the finite element stress analysis results for the various unit load cases listed in Table 3-1. The stresses reported in these tables are the nodal stresses. Since there are three nodes across the thickness of the drywell shell (e.g., see Figure 3-3), the stress at the center node is essentially a membrane stress. The difference between the stress at an inner or the outer node and the middle node is indicative of the bending stress at that section.

In each of the stress tables, the second and third colums from the left show the radial and vertical coordinates of the center nodes. Four stress components (three normal stresses and one shear stress) are listed for each of the inner, middle and the outer nodes.

Table 2-1 shows the wall thicknesses in the various regions of the drywell. To help assess the maximum stress levels, the range of node numbers associated with each wall thickness are given below:

Drywell Region	Node Number Range
Sandbed Region	1 through 96
Lower Spherical Region except Sandbed Area	100 through 237
Middle Spherical Region	241 through 603
Upper Spherical Region	604 through 876
Knuckle	880 through 942
Cylindrical Region	946 through 1449

ster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)
2	247.08	106.93	36.00
5	248.68	108.10	36.27
8	250.28	109.28	36.54
11	251.87	110.46	36.81
14	253.45	111.66	37.08
17	255.03	112.86	37.35
20	256.61	114.06	37.62
23	258.18	115.28	37.89
26	259.74	116.50	38.16
29	261.30	117.73	38.43
32	262.85	118.97	38.70
35	264.39	120.21	38.98
38	265.93	121.46	39.25
41	267.47	122.72	39.52
44	269.00	123.99	39.79
47	270.52	125.26	40.06
50	272.03	126.54	40.33
53	273.54	127.83	40.60
56	275.05	129.13	40.87
59	276.54	130.43	41.14
62	278.04	131.74	41.41
65	279.54	133.07	41.68
68	281.03	134.41	41.96
71	282.52	135.75	42.23
74	284.01	137.11	42.50
77	285.48	138.47	42.78
80	286.96	139.83	43.05
83	288.42	141.21	43.33
86	289.88	142.59	43.60
89	291.33	143.98	43.87
92	292.77	145.37	44.15
95	294.21	146.77	44.42
98	294.65	147.94	44.49
101	295.08	147.31	44.56
104	296.51	148.72	44.83

Outside Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1	5514.65	7206.93	3783.92	164.13
4	-1362.10	9076.72	2477.65	233.53
7	255.68	12966.56	4574.21	190.66
10	-106.84	16115.35	6008.90	111.32
13	-39.25	18336.79	7366.81	77.91
16	-23.99	19961.51	8541.13	24.85
19	-39.34	20959.75	9485.93	0.05
22	-17.86	21548.53	10258.66	-31.62
25	-28.16	21757.43	10831.40	-46.68
28	-16.57	21726.12	11255.61	-63.31
31	-21.73	21494.27	11531.86	-70.45
34	-16.30	21147.21	11699.32	-77.51
37	-18.93	20716.32	11770.45	-79.28
40	-16.87	20249.18	11774.14	-80.86
43	-18.15	19765.56	11725.72	-79.61
46	-18.03	19289.00	11645.88	-78.53
49	-18.18	18831.69	11549.83	-75.67
52	-19.46	18403.54	11451.80	-73.46
55	-17.95	18016.89	11367.44	-69.45
58	-21.35	17675.34	11305.27	-66.65
61	-15.72	17397.85	11283.71	-61.43
64	-21.46	17208.72	11312.30	-56.79
67	-12.03	17184.10	11426.64	-44.54
70	-22.77	17329.17	11619.28	-37.04
73	-4.53	17723.11	11926.07	-19.19
76	-25.47	18344.96	12312.01	-11.69
79	8.14	19326.56	12830.71	15.18
82	-27.42	20590.06	13399.69	19.40
85	10.08	22347.57	14095.74	59.53
88	37.73	24394.70	14792.52	52.18
91	-260.61	27042.00	15439.61	109.58
94	495.52	24778.43	14724.78	2023.32
97	380.86	11402.66	10618.23	2382.24
100	140.24	3400.73	8068.26	318.91
103	14.91	3843.67	7749.62	117.44

Middle Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
2	8180.84	18916.07	8112.82	244.08
5	-2207.74	18993.10	5268.11	219.86
8	510.54	18874.85	6537.68	164.12
11	-162.31	18770.68	6927.05	112.68
14	-13.47	18752.13	7645.13	67.81
17	-26.97	18658.75	8294.69	30.18
20	-39.12	18652.88	8925.13	-0.79
23	-23.68	18603.69	9489.08	-25.17
26	-36.22	18592.01	9977.38	-43.91
29	-27.70	18565.96	10384.32	-57.61
32	-34.74	18559.82	10710.74	-67.27
35	-31.10	18547.88	10962.98	-73.56
38	-34.87	18546.10	11149.58	-77.29
41	-33.76	18542.19	11281.56	-79.06
44	-35.62	18542.75	11370.45	-79.46
47	-35.92	18543.20	11428.41	-78.84
50	-36.39	18544.64	11467.17	-77.46
53	-37.87	18547.73	11498.02	-75.54
56	-36.81	18549.18	11531.58	-73.08
59	-40.01	18555.11	11577.15	-70.04
62	-36.14	18556.06	11643.51	-66.71
65	-43.30	18568.52	11738.29	-60.34
68	-35.42	18571.97	11867.21	-50.58
71	-47.00	18595.59	12029.56	-39.10
74	-30.69	18595.90	12222.76	-25.26
77	-52.90	18635.15	12436.40	-9.11
80	-20.91	18625.91	12656.46	10.02
83	-60.72	18691.75	12859.21	31.44
86	-12.31	18658.31	13008.63	55.65
89	-33.43	18767.48	13089.04	81.00
92	-154.34	18686.92	12939.86	106.30
95	348.17	18299.87	12672.88	30.15
98	-573.49	14452.23	11149.04	417.24
101	-295.99	12065.33	10424.47	642.93
104	15.90	11397.48	9936.32	85.03

Inside Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
3	10844.72	31071.84	12578.63	318.25
6	-3052.70	28727.31	8007.53	202.89
9	762.74	24743.44	8490.69	135.63
12	-218.47	21521.26	7874.73	112.79
15	11.88	19091.50	7901.03	57.61
18	-29.86	17430.08	8064.40	35.68
21	-38.55	16299.40	8350.03	-0.89
24	-28.96	15680.89	8725.56	-17.92
27	-43.65	15398.92	9114.45	-40.15
30	-38.18	15412.55	9514.39	-50.99
33	-47.13	15608.81	9884.03	-63.18
36	-45.35	15949.18	10226.26	-68.84
39	-50.34	16366.50	10525.40	-74.64
42	-50.28	16833.97	10788.21	-76.75
45	-52.83	17315.79	11013.65	-78.94
48	-53.68	17795.88	11210.30	-78.92
51	-54.57	18257.88	11384.53	-79.17
54	-56.35	18690.05	11543.73	-77.66
57	-55.85	19086.38	11697.35	-76.87
60	-58.93	19431.18	11848.15	-73.67
63	-56.89	19724.95	12006.84	-72.36
66	-65.52	19918.81	12161.80	-64.27
69	-59.19	19980.62	12314.42	-57.09
72	-71.59	19839.84	12433.56	-41.48
75	-57.10	19505.85	12530.89	-31.71
78	-80.44	18876.04	12546.12	-6.50
81	-49.82	17993.94	12502.74	4.82
84	-93.54	16689.92	12287.21	44.25
87	-33.84	15098.99	11959.68	52.36
90	-103.01	12938.34	11323.51	111.85
93	-46.52	10555.42	10505.06	104.61
96	978.23	12761.53	11137.55	-1493.57
99	-601.50	15281.61	11298.26	-2678.40
102	-861.00	17669.41	11830.16	-1215.78
105	13.69	18889.08	12107.22	49.70

ter Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
107	297.92	150.14	45.10	106	-11.72	5021.11	7800.89	92.03	107	-35.27	11351.22	9643.78	77.95	108	-61.44	17770.26	11515.78	61.14
110	299.33	151.56	45.37	109	-22.73	6046.73	7913.41	90.59	110	-38.83	11368.96	9481.68	69.64	111	-57.20	16671.55	11046.20	46.57
113	300.74	152.99	45.65	112	-9.39	7023.73	8103.68	74.35	113	-27.64	11344.54	9391.66	60.88	114	-47.77	15704.25	10693.08	45.58
116	302.13	154.42	45.92	115	-17.92	7881.13	8320.75	66.21	116	-35.57	11344.32	9368.24	51.78	117	-54.76	14807.96	10417.34	35.93
119	303.52	155.87	46.19	118	-12.05	8656.42	8572.70	53.90	119	-30.17	11330.54	9396.21	42.75	120	-49.54	14021.68	10226.02	30.46
122	304.91	157.31	46.47	121	-14.55	9330.13	8834.27	44.48	122	-32.82	11324.66	9463.53	33.94	123	-52.07	13322.92	10094.86	22.56
125	306.28	158.77	46.74	124	-12.33	9917.59	9102.99	34.36	125	-31.17	11315.12	9559.89	25.54	126	-50.75	12720.01	10019.71	16.10
128	307.65	160.23	47.01	127	-12.37	10417.43	9366.83	25.65	128	-30.94	11308.36	9676.39	17.65	129	-50.05	12201.77	9987.22	9.24
131	309.01	161.70	47.28	130	-13.22	10834.78	9619.92	-21.85	131	-33.20	11300.20	9803.32	-29.47	132	-53.50	11768.24	9988.76	-37.36
134	312.35	165.36	47.96	133	-8.56	11295.26	10098.77	-39.29	134	-31.84	11286.45	10141.41	-45.15	135	-55.27	11277.59	10184.20	-51.08
137	315.65	169.06	48.64	136	-17.47	11706.81	10555.93	-52.65	137	-27.78	11276.80	10473.32	-56.38	138	-38.15	10845.30	10390.24	-60.01
140	318.91	172.81	49.31	139	-9.03	11876.82	10900.43	-61.08	140	-27.29	11270.37	10757.07	-63.97	141	-45.48	10661.66	10612.92	-66.69
143	322.12	176.58	49.99	142	-7.62	11887.80	11132.83	-65.71	143	-27.17	11266.41	10978.53	-68.59	144	-46.63	10642.77	10823.41	-71.29
146	325.28	180.40	50.66	145	-6.04	11807.75	11274.73	-67.65	146	-27.72	11264.32	11137.61	-70.98	147	-49.33	10718.86	10999.76	-74.15
149	328.40	184.25	51.34	148	-5.44	11685.37	11348.32	-67.86	149	-28.47	11263.45	11242.75	-71.82	150	-51.45	10839.99	11136.63	-75.66
152	331.48	188.14	52.01	151	-6.30	11553.23	11375.26	-67.09	152	-29.26	11263.38	11306.07	-71.68	153	-52.23	10972.47	11236.52	-76.21
155	334.51	192.07	52.69	154	-3.76	11431.90	11376.15	-65.80	155	-30.05	11263.75	11340.39	-70.99	156	-56.38	11095.00	11304.44	-76.15
158	337.49	196.03	53.36	157	-5.96	11372.71	11375.97	-55.05	158	-30.57	11264.57	11357.52	-60.38	159	-55.26	11156.08	11339.00	-65.71
161	340.00	199.45	53.94	160	-8.81	11343.02	11372.31	-53.95	161	-30.63	11265.20	11362.98	-59.39	162	-52.54	11187.14	11353.61	-64.82
164	342.48	202.89	54.52	163	-6.25	11300.98	11359.77	-52.91	164	-30.84	11265.87	11361.92	-58.42	165	-55.52	11230.63	11364.09	-63.95
167	344.93	206.36	55.10	166	-7.15	11279.62	11348.65	-52.00	167	-30.92	11266.51	11357.38	-57.48	168	-54.81	11253.39	11366.17	-62.98
170	347.34	209.85	55.68	169	-7.01	11278.33	11341.80	-51.23	170	-30.94	11267.13	11350.88	-56.60	171	-54.98	11255.91	11360.01	-61.99
173	349.71	213.36	56.25	172	-7.07	11295.47	11338.61	-50.65	173	-30.88	11267.69	11342.53	-55.80	174	-54.79	11239.84	11346.49	-60.96
176	352.05	216.90	56.83	175	-7.02	11329.04	11337.57	-50.22	176	-30.74	11268.19	11331.24	-55.09	177	-54.56	11207.16	11324.90	-59.96
179	354.35	220.46	57.41	178	-6.98	11376.27	11335.69	-50.03	179	-30.57	11268.63	11314.79	-54.53	180	-54.22	11160.60	11293.78	-59.02
182	356.62	224.05	57.99	181	-6.93	11433.21	11328.74	-50.06	182	-30.32	11268.90	11290.02	-54.16	183	-53.75	11104.04	11251.13	-58.25
185	358.85	227.66	58.57	184	-7.01	11493.91	11311.15	-50.42	185	-30.08	11269.02	11253.17	-54.10	186	-53.18	11043.28	11194.89	-57.74
188	361.04	231.29	59.14	187	-7.18	11549.96	11276.40	-51.21	188	-29.80	11268.81	11200.18	-54.50	189	-52.43	10986.71	11123.62	-57.73
191	363.20	234.94	59.72	190	-7.65	11589.08	11216.96	-52.56	191	-29.65	11268.28	11127.32	-55.52	192	-51.64	10946.22	11037.21	-58.41
194	365.32	238.61	60.30	193	-8.33	11595.05	11125.29	-54.57	194	-29.51	11267.13	11031.94	-57.39	195	-50.68	10938.15	10938.16	-60.14
197	367.41	242.31	60.88	196	-9.56	11546.51	10994.26	-57.42	197	-29.71	11265.46	10913.58	-60.33	198	-49.86	10983.24	10832.45	-63.17
200	369.45	246.03	61.45	199	-11.07	11417.83	10819.15	-61.10	200	-30.02	11262.84	10775.38	-64.56	201	-49.04	11107.54	10731.47	-67.99
203	371.46	249.76	62.03	202	-13.41	11178.82	10598.80	-65.74	203	-30.99	11259.60	10625.77	-70.24	204	-48.74	11340.45	10652.81	-74.77
206	373.43	253.52	62.61	205	-15.82	10798.34	10339.30	-71.05	206	-32.23	11255.16	10480.46	-77.41	207	-48.97	11714.12	10622.47	-83.90
209	375.36	257.30	63.19	208	-19.54	10245.90	10055.60	-76.97	209	-34.44	11250.31	10364.59	-85.93	210	-49.91	12258.07	10675.03	-95.13

ster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
212	377.26	261.09	63.77	211	-21.46	9500.40	9778.06	-82.56	212	-37.37	11244.41	10314.52	-95.31	213	-54.14	12995.63	10853.92	-108.46
215	379.11	264.91	64.34	214	-29.20	8553.41	9550.34	-87.35	215	-40.10	11239.03	10380.23	-104.63	216	-52.29	13934.03	11214.12	-122.51
218	380.93	268.74	64.92	217	-17.02	7430.15	9449.74	-89.19	218	-49.35	11233.59	10622.22	-112.50	219	-83.33	15052.04	11800.91	-136.65
221	382.71	272.59	65.50	220	-26.99	6450.02	9642.60	-65.35	221	-43.74	11236.68	11129.76	-84.88	222	-72.53	16030.67	12621.26	-105.42
224	383.49	274.32	65.76	223	4.55	5788.33	9772.12	-67.84	224	-23.31	11233.97	11465.78	-84.47	225	-53.55	16710.51	13171.18	-102.25
227	384.26	276.04	66.02	226	-13.41	5217.49	9980.61	-67.46	227	-35.25	11241.49	11859.95	-82.71	228	-59.77	17271.45	13743.81	-99.14
230	385.03	277.78	66.27	229	-10.29	4694.48	10288.48	-58.00	230	-34.61	11231.90	12332.32	-78.97	231	-61.82	17822.10	14395.00	-101.32
233	385.79	279.51	66.53	232	25.20	4194.08	10698.55	-57.88	233	-1.48	11250.82	12909.55	-72.78	234	-31.27	18297.10	15120.65	-88.97
236	386.54	281.25	66.79	235	133.53	4538.91	11479.09	-279.65	236	-200.62	11559.37	13599.49	-284.16	237	-529.36	17152.57	15296.50	602.58
239	386.75	282.00	66.90	238	53.12	11317.38	13816.65	-1321.38	239	-274.92	13570.56	14495.66	-180.47	240	-311.11	14989.21	15011.72	1435.43
242	386.97	282.74	67.00	241	328.39	21684.58	17349.39	-1101.48	242	331.28	16503.51	15876.99	-11.32	243	563.77	12390.55	14791.87	863.27
245	387.40	283.76	67.15	244	-168.80	24330.51	18396.78	-122.16	245	-76.18	16773.48	16232.42	-77.90	246	17.84	9594.76	14179.58	-33.18
248	387.82	284.77	67.30	247	0.48	23702.46	18610.78	-64.54	248	-55.39	16929.74	16630.11	-79.35	249	-109.36	9909.50	14573.47	-93.12
251	388.24	285.79	67.45	250	8.27	23292.03	18793.56	-93.89	251	-7.02	16842.33	16915.21	-79.48	252	-20.71	10495.35	15066.02	-64.44
254	388.67	286.80	67.60	253	-18.66	22757.05	18883.74	-78.47	254	-45.44	16886.62	17169.61	-79.15	255	-70.70	10943.60	15432.21	-79.12
257	389.08	287.82	67.75	256	0.51	22292.38	18967.63	-83.59	257	-23.28	16865.70	17381.89	-78.09	258	-45.70	11453.01	15798.94	-72.02
260	389.50	288.84	67.90	259	-9.35	21808.03	18999.02	-78.37	260	-34.70	16876.47	17556.23	-76.59	261	-58.79	11919.49	16104.56	-74.25
263	389.91	289.86	68.05	262	-6.10	21353.48	19008.76	-77.20	263	-29.19	16872.34	17697.15	-74.63	264	-51.16	12386.57	16383.00	-71.59
266	390.32	290.88	68.20	265	-0.02	20910.80	18991.60	-73.90	266	-31.04	16875.79	17867.30	-72.38	267	-61.02	12827.06	16617.84	-70.41
269	390.73	291.90	68.35	268	-31.01	20488.68	18941.26	-71.01	269	-34.09	16875.62	17888.19	-69.88	270	-36.37	13254.56	16831.78	-68.35
272	391.13	292.93	68.50	271	24.82	19809.93	18818.11	-111.68	272	-21.02	16877.43	17952.56	-108.48	273	-66.19	13938.66	17084.39	-104.95
275	392.28	295.87	68.93	274	0.99	18889.40	18603.55	-104.03	275	-21.86	16881.57	18016.28	-100.29	276	-44.24	14868.75	17427.90	-96.32
278	393.40	298.82	69.36	277	5.75	18086.82	18314.12	-92.97	278	-27.42	16884.04	17960.95	-92.01	279	-60.31	15678.32	17606.60	-90.93
281	394.50	301.77	69.79	280	0.39	17476.43	18010.01	-83.26	281	-28.88	16886.36	17839.42	-84.42	282	-58.03	16294.75	17668.25	-85.52
284	395.58	304.74	70.22	283	-1.57	17039.53	17724.73	-75.30	284	-30.56	16888.31	17684.86	-77.88	285	-59.55	16736.78	17644.89	-80.46
287	396.64	307.71	70.65	286	-3.97	16748.09	17473.73	-69.04	287	-31.54	16890.00	17522.13	-72.57	288	-59.22	17032.24	17570.70	-76.12
290	397.67	310.69	71.08	289	-5.60	16573.03	17265.31	-64.39	290	-32.14	16891.28	17367.39	-68.44	291	-58.83	17210.38	17469.86	-72.53
293	398.68	313.68	71.51	292	-6.90	16486.14	17100.84	-61.16	293	-32.44	16892.24	17230.35	-65.41	294	-58.17	17299.33	17360.32	-69.71
296	399.67	316.68	71.94	295	-7.76	16462.56	16977.82	-59.11	296	-32.50	16892.90	17115.74	-63.34	297	-57.43	17324.35	17254.16	-67.62
299	400.64	319.68	72.37	298	-8.34	16481.08	16891.15	-57.93	299	-32.44	16893.35	17024.73	-62.03	300	-56.73	17306.66	17158.77	-66.17
302	401.58	322.69	72.80	301	-8.65	16524.95	16834.70	-57.45	302	-32.27	16893.63	16956.14	-61.31	303	-56.07	17263.26	17078.01	-65.21
305	402.51	325.71	73.23	304	-8.80	16581.24	16802.02	-57.46	305	-32.08	16893.75	16907.39	-61.03	306	-55.52	17207.06	17013.13	-64.63
308	403.41	328.73	73.66	307	-8.80	16640.96	16787.17	-57.80	308	-31.86	16893.81	16875.24	-61.06	309	-55.06	17147.32	16963.63	-64.34
311	404.28	331.76	74.09	310	-8.73	16698.01	16784.86	-58.30	311	-31.66	16893.80	16856.27	-61.28	312	-54.72	17090.10	16927.93	-64.28
314	405.13	334.80	74.52	313	-8.61	16748.69	16790.72	-58.86	314	-31.48	16893.76	16847.23	-61.59	315	-54.46	17039.22	16903.94	-64.36

ster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
317	405.97	337.84	74.95	316	-8.47	16791.22	16801.30	-59.41	317	-31.33	16893.69	16845.23	-61.94	318	-54.30	16996.44	16889.32	-64.49
320	406.77	340.89	75.38	319	-8.33	16825.01	16813.99	-59.96	320	-31.21	16893.64	16847.89	-62.30	321	-54.19	16962.47	16881.92	-64.65
323	407.56	343.95	75.81	322	-8.20	16850.57	16827.02	-60.45	323	-31.12	16893.57	16853.29	-62.63	324	-54.14	16936.69	16879.65	-64.83
326	408.32	347.01	76.24	325	-8.08	16868.86	16839.21	-60.84	326	-31.06	16893.53	16860.00	-62.92	327	-54.11	16918.28	16880.86	-65.01
329	409.06	350.08	76.67	328	-8.00	16880.88	16849.84	-61.16	329	-31.01	16893.48	16866.99	-63.13	330	-54.12	16906.12	16884.20	-65.11
332	409.77	353.15	77.10	331	-7.92	16888.08	16858.64	-61.42	332	-30.99	16893.44	16873.59	-63.29	333	-54.14	16898.84	16888.60	-65.18
335	410.47	356.23	77.53	334	-7.87	16891.58	16865.55	-61.64	335	-30.98	16893.41	16879.41	-63.43	336	-54.17	16895.27	16893.32	-65.22
338	411.14	359.31	77.96	337	-7.83	16892.40	16870.69	-61.78	338	-30.98	16893.39	16884.26	-63.52	339	-54.20	16894.40	16897.88	-65.25
341	411.78	362.40	78.39	340	-7.80	16891.47	16874.28	-61.88	341	-30.98	16893.38	16888.09	-63.57	342	-54.23	16895.31	16901.96	-65.27
344	412.41	365.49	78.82	343	-7.79	16889.52	16876.60	-61.99	344	-30.99	16893.36	16890.97	-63.61	345	-54.26	16897.24	16905.39	-65.23
347	413.01	368.59	79.25	346	-7.79	16887.05	16877.92	-62.05	347	-31.00	16893.36	16893.01	-63.62	348	-54.28	16899.71	16908.15	-65.20
350	413.58	371.69	79.68	349	-7.78	16884.52	16878.51	-62.09	350	-31.00	16893.37	16894.34	-63.62	351	-54.31	16902.27	16910.23	-65.15
353	414.14	374.80	80.11	352	-7.79	16882.02	16878.55	-62.13	353	-31.01	16893.37	16895.12	-63.60	354	-54.32	16904.77	16911.75	-65.07
356	414.67	377.91	80.54	355	-7.80	16879.86	16878.27	-62.17	356	-31.02	16893.35	16895.47	-63.58	357	-54.33	16906.91	16912.74	-65.01
359	415.17	381.02	80.97	358	-7.80	16878.12	16877.82	-62.19	359	-31.03	16893.36	16895.54	-63.57	360	-54.34	16908.66	16913.33	-64.96
362	415.66	384.14	81.40	361	-7.81	16876.68	16877.26	-62.23	362	-31.03	16893.37	16895.42	-63.56	363	-54.34	16910.13	16913.64	-64.89
365	416.12	387.26	81.83	364	-7.81	16875.54	16876.68	-62.29	365	-31.04	16893.37	16895.17	-63.54	366	-54.35	16911.26	16913.73	-64.80
368	416.56	390.38	82.26	367	-7.81	16874.76	16876.15	-62.33	368	-31.04	16893.36	16894.88	-63.53	369	-54.35	16912.04	16913.67	-64.74
371	416.97	393.51	82.69	370	-7.82	16874.28	16875.70	-62.38	371	-31.04	16893.36	16894.57	-63.53	372	-54.35	16912.50	16913.51	-64.69
374	417.36	396.64	83.12	373	-7.82	16873.98	16875.33	-62.43	374	-31.04	16893.35	16894.29	-63.53	375	-54.35	16912.80	16913.31	-64.64
377	417.72	399.78	83.55	376	-7.82	16873.84	16875.04	-62.46	377	-31.04	16893.37	16894.04	-63.51	378	-54.35	16912.98	16913.12	-64.55
380	418.07	402.91	83.98	379	-7.82	16873.80	16874.82	-62.52	380	-31.04	16893.36	16893.83	-63.51	381	-54.35	16912.98	16912.91	-64.50
383	418.39	406.05	84.41	382	-7.83	16873.88	16874.68	-62.58	383	-31.04	16893.37	16893.68	-63.51	384	-54.34	16912.94	16912.74	-64.45
386	418.68	409.19	84.84	385	-7.83	16873.95	16874.58	-62.64	386	-31.04	16893.36	16893.55	-63.51	387	-54.34	16912.84	16912.59	-64.38
389	418.95	412.33	85.27	388	-7.82	16874.05	16874.53	-62.70	389	-31.04	16893.36	16893.47	-63.50	390	-54.34	16912.74	16912.48	-64.30
392	419.20	415.48	85.70	391	-7.82	16874.14	16874.50	-62.76	392	-31.04	16893.36	16893.41	-63.50	393	-54.34	16912.64	16912.39	-64.25
395	419.43	418.63	86.13	394	-7.82	16874.29	16874.51	-62.81	395	-31.04	16893.37	16893.39	-63.50	396	-54.34	16912.52	16912.33	-64.20
398	419.63	421.78	86.56	397	-7.82	16874.34	16874.51	-62.88	398	-31.04	16893.36	16893.37	-63.50	399	-54.34	16912.45	16912.29	-64.13
401	419.81	424.93	86.99	400	-7.82	16874.47	16874.56	-62.97	401	-31.04	16893.38	16893.38	-63.51	402	-54.34	16912.36	16912.26	-64.1
404	419.96	428.08	87.42	403	-7.82	16874.49	16874.57	-63.00	404	-31.04	16893.36	16893.38	-63.51	405	-54.34	16912.29	16912.25	-64.02
407	420.09	431.23	87.85	406	-7.82	16874.54	16874.60	-63.06	407	-31.04	16893.37	16893.39	-63.51	408	-54.34	16912.26	16912.26	-63.96
410	420.20	434.38	88.28	409	-7.82	16874.61	16874.63	-63.13	410	-31.04	16893.37	16893.41	-63.51	411	-54.34	16912.20	16912.25	-63.89
413	420.30	437.54	88.71	412	-7.82	16874.61	16874.65	-63.19	413	-31.04	16893.38	16893.43	-63.51	414	-54.34	16912.23	16912.28	-63.83
416	420.34	440.69	89.14	415	-7.82	16874.63	16874.67	-63.26	416	-31.04	16893.37	16893.44	-63.51	417	-54.35	16912.19	16912.28	-63.76
419	420.37	443.85	89.57	418	-7.82	16874.62	16874.68	-63.32	419	-31.04	16893.37	16893.45	-63.51	420	-54.34	16912.20	16912.29	-63.70

ster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
422	420.39	447.00	90.00	421	-7.82	16874.62	16874.69	-63.37	422	-31.04	16893.37	16893.46	-63.51	423	-54.34	16912.18	16912.30	-63.66
425	420.37	450.15	90.43	424	-7.82	16874.62	16874.70	-63.40	425	-31.04	16893.37	16893.47	-63.51	426	-54.35	16912.20	16912.31	-63.62
428	420.34	453.31	90.86	427	-7.82	16874.63	16874.71	-63.44	428	-31.04	16893.37	16893.48	-63.51	429	-54.35	16912.18	16912.31	-63.57
431	420.28	456.46	91.29	430	-7.82	16874.62	16874.71	-63.50	431	-31.04	16893.38	16893.49	-63.51	432	-54.35	16912.21	16912.33	-63.52
434	420.20	459.62	91.72	433	-7.82	16874.64	16874.72	-63.57	434	-31.04	16893.37	16893.49	-63.50	435	-54.35	16912.16	16912.32	-63.44
437	420.09	462.77	92.15	436	-7.82	16874.61	16874.71	-63.63	437	-31.04	16893.37	16893.49	-63.51	438	-54.35	16912.19	16912.33	-63.39
440	419.96	465.92	92.58	439	-7.82	16874.61	16874.71	-63.70	440	-31.04	16893.36	16893.48	-63.51	441	-54.35	16912.17	16912.32	-63.32
443	419.81	469.07	93.01	442	-7.81	16874.67	16874.73	-63.76	443	-31.04	16893.38	16893.49	-63.51	444	-54.35	16912.16	16912.32	-63.26
446	419.63	472.22	93.44	445	-7.82	16874.62	16874.71	-63.79	446	-31.04	16893.36	16893.48	-63.50	447	-54.35	16912.16	16912.31	-63.22
449	419.43	475.37	93.87	448	-7.81	16874.69	16874.72	-63.88	449	-31.04	16893.37	16893.47	-63.51	450	-54.35	16912.12	16912.29	-63.14
452	419.20	478.52	94.30	451	-7.81	16874.66	16874.70	-63.94	452	-31.04	16893.36	16893.45	-63.51	453	-54.35	16912.12	16912.27	-63.07
455	418.95	481.67	94.73	454	-7.81	16874.70	16874.69	-63.99	455	-31.04	16893.36	16893.43	-63.51	456	-54.35	16912.09	16912.25	-63.03
458	418.68	484.81	95.16	457	-7.81	16874.72	16874.67	-64.05	458	-31.04	16893.36	16893.41	-63.51	459	-54.35	16912.06	16912.21	-62.97
461	418.39	487.95	95.59	460	-7.81	16874.75	16874.64	-64.12	461	-31.04	16893.37	16893.38	-63.51	462	-54.35	16912.07	16912.18	-62.90
464	418.07	491.09	96.02	463	-7.81	16874.71	16874.59	-64.18	464	-31.04	16893.36	16893.33	-63.50	465	-54.35	16912.08	16912.14	-62.82
467	417.72	494.22	96.45	466	-7.81	16874.68	16874.53	-64.24	467	-31.04	16893.37	16893.28	-63.51	468	-54.35	16912.13	16912.10	-62.78
470	417.36	497.36	96.88	469	-7.81	16874.62	16874.45	-64.30	470	-31.04	16893.35	16893.22	-63.52	471	-54.35	16912.16	16912.05	-62.73
473	416.97	500.49	97.31	472	-7.81	16874.52	16874.36	-64.34	473	-31.04	16893.36	16893.16	-63.50	474	-54.35	16912.27	16912.02	-62.65
476	416.56	503.62	97.74	475	-7.81	16874.33	16874.25	-64.40	476	-31.04	16893.37	16893.10	-63.51	477	-54.35	16912.47	16912.03	-62.61
479	416.12	506.74	98.17	478	-7.81	16874.13	16874.14	-64.47	479	-31.04	16893.37	16893.06	-63.52	480	-54.35	16912.69	16912.05	-62.58
482	415.66	509.86	98.60	481	-7.82	16873.89	16874.05	-64.53	482	-31.04	16893.38	16893.04	-63.53	483	-54.35	16912.95	16912.10	-62.53
485	415.17	512.98	99.03	484	-7.81	16873.52	16873.96	-64.60	485	-31.04	16893.37	16893.06	-63.53	486	-54.36	16913.28	16912.22	-62.45
488	414.67	516.09	99.46	487	-7.82	16873.01	16873.89	-64.67	488	-31.04	16893.36	16893.13	-63.53	489	-54.36	16913.79	16912.45	-62.39
491	414.14	519.20	99.89	490	-7.82	16872.51	16873.91	-64.71	491	-31.05	16893.38	16893.30	-63.54	492	-54.36	16914.32	16912.77	-62.36
494	413.58	522.31	100.32	493	-7.81	16872.04	16874.05	-64.76	494	-31.05	16893.38	16893.59	-63.53	495	-54.37	16914.80	16913.20	-62.30
497	413.01	525.41	100.75	496	-7.82	16871.50	16874.32	-64.82	497	-31.05	16893.37	16894.01	-63.53	498	-54.37	16915.31	16913.77	-62.22
500	412.41	528.51	101.18	499	-7.81	16871.13	16874.81	-64.86	500	-31.05	16893.36	16894.61	-63.52	501	-54.38	16915.67	16914.48	-62.17
503	411.78	531.60	101.61	502	-7.80	16870.97	16875.57	-64.91	503	-31.05	16893.36	16895.41	-63.51	504	-54.39	16915.84	16915.31	-62.10
506	411.14	534.69	102.04	505	-7.80	16871.20	16876.65	-64.99	506	-31.05	16893.36	16896.41	-63.50	507	-54.39	16915.60	16916.24	-62.01
509	410.47	537.77	102.47	508	-7.79	16871.99	16878.08	-65.01	509	-31.05	16893.36	16897.60	-63.47	510	-54.40	16914.81	16917.19	-61.93
512	409.77	540.85	102.90	511	-7.77	16873.50	16879.89	-65.03	512	-31.04	16893.36	16898.95	-63.44	513	-54.40	16913.30	16918.08	-61.83
515	409.06	543.92	103.33	514	-7.75	16876.03	16882.07	-65.08	515	-31.04	16893.35	16900.36	-63.40	516	-54.40	16910.73	16918.72	-61.71
518	408.32	546.99	103.76	517	-7.73	16879.91	16884.57	-65.10	518	-31.02	16893.35	16901.70	-63.33	519	-54.40	16906.84	16918.90	-61.56
521	407.56	550.05	104.19	520	-7.70	16885.20	16887.20	-65.11	521	-31.01	16893.32	16902.75	-63.25	522	-54.39	16901.49	16918.36	-61.39
524	406.77	553.11	104.62	523	-7.68	16892.23	16889.75	-65.12	524	-30.98	16893.33	16903.22	-63.19	525	-54.37	16894.45	16916.73	-61.25

30-Oct-90

UNIT1S3.WK1

Oyster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
527	405.97	556.16	105.05	526	-7.65	16901.05	16891.84	-65.15	527	-30.95	16893.31	16902.69	-63.13	528	-54.33	16885.57	16913.59	-61.10
530	405.13	559.20	105.48	529	-7.63	16911.41	16892.88	-65.20	530	-30.92	16893.31	16900.69	-63.07	531	-54.28	16875.19	16908.54	-60.92
533	404.28	562.24	105.91	532	-7.61	16923.03	16892.20	-65.25	533	-30.88	16893.30	16896.62	-63.02	534	-54.21	16863.52	16901.05	-60.78
536	403.41	565.27	106.34	535	-7.62	16935.09	16888.89	-65.34	536	-30.83	16893.32	16889.81	-63.01	537	-54.12	16851.47	16890.75	-60.68
539	402.51	568.29	106.77	538	-7.65	16946.35	16881.87	-65.53	539	-30.79	16893.34	16879.58	-63.08	540	-54.00	16840.21	16877.29	-60.64
542	401.58	571.31	107.20	541	-7.71	16954.89	16869.93	-65.79	542	-30.76	16893.41	16865.29	-63.24	543	-53.87	16831.80	16860.63	-60.69
545	400.64	574.32	107.63	544	-7.83	16957.92	16851.72	-66.14	545	-30.74	16893.49	16846.[illegible]	-63.51	546	-53.72	16828.92	16841.08	-60.88
548	399.67	577.32	108.06	547	-8.01	16952.07	16826.06	-66.60	548	-30.75	16893.62	16822.76	-63.95	549	-53.57	16835.05	16819.46	-61.29
551	398.68	580.32	108.49	550	-8.26	16932.95	16791.93	-67.20	551	-30.81	16893.81	16794.64	-64.58	552	-53.43	16854.58	16797.35	-61.97
554	397.67	583.31	108.92	553	-8.61	16895.50	16748.91	-67.97	554	-30.92	16894.07	16763.08	-65.45	555	-53.32	16892.67	16777.31	-62.93
557	396.64	586.29	109.35	556	-9.00	16833.90	16697.39	-68.90	557	-31.13	16894.38	16730.16	-66.56	558	-53.35	16955.03	16763.05	-64.20
560	395.58	589.26	109.78	559	-9.68	16742.22	16639.04	-69.93	560	-31.41	16894.73	16699.32	-67.91	561	-53.26	17047.66	16759.81	-65.85
563	394.50	592.23	110.21	562	-9.72	16615.18	16577.81	-71.05	563	-31.88	16895.20	16675.70	-69.47	564	-54.21	17175.92	16773.92	-67.85
566	393.40	595.18	110.64	565	-12.38	16448.39	16518.66	-72.18	566	-32.25	16895.64	16666.52	-71.15	567	-52.33	17344.06	16814.88	-70.07
569	392.28	598.13	111.07	568	-5.77	16241.82	16476.78	-73.05	569	-33.72	16896.06	16680.89	-72.82	570	-61.91	17551.90	16887.71	-72.52
572	391.13	601.07	111.50	571	-0.91	16155.21	16503.66	-33.95	572	-33.91	16897.15	16732.81	-32.97	573	-67.17	17641.26	16962.86	-31.92
575	390.73	602.10	111.65	574	-14.18	16134.32	16522.76	-35.25	575	-30.10	16897.84	16762.66	-33.28	576	-46.33	17662.65	17003.20	-31.22
578	390.32	603.12	111.80	577	-5.57	16039.25	16530.18	-35.30	578	-30.53	16897.27	16794.96	-33.58	579	-55.79	17759.57	17061.30	-31.78
581	389.91	604.14	111.95	580	-9.69	15938.34	16537.92	-35.85	581	-32.16	16898.97	16833.36	-33.81	582	-54.97	17857.64	17128.51	-31.64
584	389.50	605.16	112.10	583	-4.93	15841.36	16556.07	-34.82	584	-28.17	16895.59	16878.40	-33.90	585	-51.76	17961.82	17204.64	-32.87
587	389.08	606.18	112.25	586	-13.37	15733.19	16574.19	-36.97	587	-36.45	16902.88	16930.13	-33.90	588	-59.92	18055.58	17281.33	-30.66
590	388.67	607.20	112.40	589	2.85	15648.54	16614.76	-31.76	590	-20.29	16887.29	16990.21	-33.68	591	-43.85	18171.35	17379.62	-35.51
593	388.24	608.21	112.55	592	-24.89	15518.40	16637.13	-41.82	593	-48.49	16919.34	17059.84	-33.43	594	-72.54	18237.08	17458.00	-24.77
596	387.82	609.23	112.70	595	9.37	15487.55	16717.34	-19.59	596	-12.43	16855.36	17129.22	-32.77	597	-34.71	18395.32	17593.13	-46.07
599	387.40	610.24	112.85	598	29.38	15284.14	16751.41	-60.95	599	-0.18	16970.09	17254.99	-32.07	600	-30.20	18368.14	17672.68	-2.53
602	386.97	611.26	113.00	601	-4.10	15785.29	16991.26	-899.48	602	-435.90	17047.61	17245.88	-23.43	603	-612.74	17500.81	17335.07	991.59
605	386.88	611.39	113.02	604	224.14	18744.40	17963.84	-888.11	605	121.66	17920.43	17691.26	-61.23	606	258.12	17278.75	17545.26	809.62
608	386.11	613.20	113.29	607	-55.77	19536.77	18279.92	-69.10	608	-72.29	17998.10	17821.86	-52.84	609	-88.51	16556.47	17392.56	-36.93
611	385.33	615.01	113.56	610	-6.54	19318.23	18356.00	-53.16	611	-31.22	18042.56	17977.11	-53.52	612	-55.62	16687.19	17573.98	-53.86
614	384.54	616.81	113.83	613	3.64	19171.04	18411.64	-64.14	614	-19.78	18009.60	18069.60	-53.36	615	-42.97	16900.46	17742.99	-42.82
617	383.74	618.61	114.09	616	-15.28	18971.04	18416.32	-55.41	617	-38.88	18032.72	18143.22	-53.04	618	-62.30	17053.63	17857.67	-50.68
620	382.93	620.41	114.36	619	0.98	18819.10	18423.91	-59.89	620	-23.09	18016.00	18192.87	-52.26	621	-47.03	17237.88	17969.15	-44.78
623	382.11	622.20	114.63	622	-11.30	18652.30	18400.05	-54.85	623	-35.13	18026.89	18223.81	-51.42	624	-58.87	17381.42	18041.42	-48.01
626	381.29	623.98	114.90	625	-2.78	18519.70	18377.92	-56.17	626	-26.89	18018.52	18239.97	-50.37	627	-50.94	17529.08	18105.44	-44.64
629	380.45	625.77	115.17	628	-8.99	18390.38	18340.70	-53.04	629	-32.91	18023.43	18243.95	-49.34	630	-56.82	17646.72	18144.22	-45.65

Oyster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
632	379.61	627.55	115.44	631	-4.93	18287.19	18305.59	-53.08	632	-28.96	18019.13	18239.13	-48.28	633	-52.99	17756.64	18174.31	-43.51
635	378.76	629.32	115.70	634	-8.01	18194.25	18264.99	-51.00	635	-31.90	18021.25	18227.57	-47.28	636	-55.82	17843.58	18188.74	-43.55
638	377.91	631.09	115.97	637	-6.13	18121.56	18227.61	-50.52	638	-30.03	18018.97	18211.61	-46.32	639	-53.97	17919.13	18196.45	-42.13
641	377.04	632.86	116.24	640	-7.67	18060.46	18189.98	-49.16	641	-31.46	18019.77	18192.76	-45.47	642	-55.31	17976.95	18194.93	-41.76
644	376.16	634.63	116.51	643	-6.83	18014.88	18156.38	-48.64	644	-30.58	18018.51	18172.54	-44.70	645	-54.40	18023.58	18189.17	-40.75
647	375.28	636.39	116.78	646	-7.61	17979.69	18125.11	-47.73	647	-31.27	18018.78	18151.92	-44.03	648	-55.01	18057.00	18178.52	-40.30
650	374.39	638.14	117.05	649	-7.25	17955.64	18097.99	-47.24	650	-30.85	18018.05	18131.74	-43.43	651	-54.54	18081.29	18165.80	-39.60
653	373.49	639.89	117.31	652	-7.05	17940.81	18074.12	-46.66	653	-31.18	18018.10	18112.54	-42.94	654	-54.81	18096.12	18150.93	-39.20
656	372.58	641.64	117.58	655	-7.51	17931.72	18054.08	-46.37	656	-30.98	18017.68	18094.68	-42.54	657	-54.54	18104.18	18135.50	-38.69
659	371.67	643.38	117.85	658	-7.64	17929.26	18037.18	-46.04	659	-31.13	18017.64	18078.34	-42.21	660	-54.71	18106.03	18119.57	-38.34
662	370.74	645.12	118.12	661	-7.86	17931.77	18023.30	-45.86	662	-31.02	18017.44	18063.59	-41.95	663	-54.28	18103.48	18104.06	-38.02
665	369.81	646.85	118.39	664	-6.96	17937.81	18012.33	-45.71	665	-31.09	18017.40	18050.35	-41.78	666	-55.33	18097.09	18088.48	-37.83
668	368.87	648.58	118.66	667	1.62	17998.24	18021.37	-6.90	668	-31.05	18017.53	18038.63	-2.86	669	-63.85	18036.76	18055.93	1.25
671	368.80	648.72	118.68	670	7.44	17976.41	18015.65	-54.64	671	-31.07	18017.29	18037.59	-50.69	672	-69.71	18057.79	18059.47	-46.65
674	367.64	650.82	119.00	673	-6.82	17905.39	17978.11	-54.58	674	-31.20	18017.17	18025.31	-50.65	675	-55.69	18129.22	18072.67	-46.69
677	366.48	652.91	119.33	676	-8.23	17919.16	17973.15	-54.63	677	-31.16	18017.15	18016.41	-50.64	678	-54.18	18115.41	18059.82	-46.62
680	365.30	654.99	119.66	679	-7.84	17933.11	17971.44	-54.72	680	-31.14	18017.19	18010.20	-50.66	681	-54.53	18101.47	18049.09	-46.58
683	364.11	657.06	119.98	682	-7.94	17946.36	17971.54	-54.88	683	-31.10	18017.22	18006.21	-50.71	684	-54.37	18088.27	18040.99	-46.52
686	362.91	659.13	120.31	685	-7.90	17958.34	17973.04	-55.04	686	-31.09	18017.26	18003.98	-50.78	687	-54.37	18076.34	18035.03	-46.49
689	361.70	661.19	120.63	688	-7.88	17968.95	17975.45	-55.21	689	-31.06	18017.32	18003.13	-50.87	690	-54.33	18065.83	18030.90	-46.51
692	360.47	663.25	120.96	691	-7.86	17977.92	17978.35	-55.41	692	-31.05	18017.38	18003.28	-50.95	693	-54.31	18056.94	18028.29	-46.48
695	359.24	665.30	121.29	694	-7.84	17985.37	17981.48	-55.57	695	-31.03	18017.44	18004.14	-51.02	696	-54.30	18049.60	18026.88	-46.46
698	357.99	667.34	121.61	697	-7.83	17991.29	17984.59	-55.71	698	-31.02	18017.50	18005.46	-51.09	699	-54.29	18043.79	18026.40	-46.45
701	356.73	669.37	121.94	700	-7.81	17995.87	17987.54	-55.87	701	-31.01	18017.54	18007.03	-51.16	702	-54.29	18039.28	18026.58	-46.44
704	355.46	671.40	122.26	703	-7.79	17999.23	17990.21	-55.98	704	-31.00	18017.55	18008.69	-51.21	705	-54.30	18035.93	18027.23	-46.43
707	354.17	673.42	122.59	706	-7.78	18001.57	17992.56	-56.08	707	-31.00	18017.59	18010.35	-51.25	708	-54.29	18033.67	18028.20	-46.40
710	352.88	675.43	122.92	709	-7.77	18003.08	17994.56	-56.21	710	-30.99	18017.62	18011.92	-51.30	711	-54.30	18032.22	18029.33	-46.38
713	351.57	677.43	123.24	712	-7.76	18003.97	17996.23	-56.29	713	-30.99	18017.63	18013.34	-51.33	714	-54.31	18031.35	18030.50	-46.35
716	350.26	679.43	123.57	715	-7.76	18004.32	17997.57	-56.37	716	-30.99	18017.64	18014.59	-51.35	717	-54.31	18031.02	18031.67	-46.31
719	348.93	681.42	123.89	718	-7.75	18004.40	17998.64	-56.45	719	-30.99	18017.68	18015.67	-51.36	720	-54.32	18031.01	18032.75	-46.26
722	347.59	683.40	124.22	721	-7.74	18004.12	17999.42	-56.52	722	-30.99	18017.66	18016.54	-51.38	723	-54.32	18031.26	18033.73	-46.21
725	346.24	685.37	124.55	724	-7.74	18003.76	18000.00	-56.60	725	-30.99	18017.66	18017.25	-51.38	726	-54.32	18031.61	18034.55	-46.15
728	344.88	687.34	124.87	727	-7.74	18003.41	18000.42	-56.67	728	-30.99	18017.64	18017.78	-51.38	729	-54.33	18031.93	18035.20	-46.08
731	343.50	689.30	125.20	730	-7.74	18003.06	18000.69	-56.73	731	-30.99	18017.67	18018.17	-51.37	732	-54.33	18032.34	18035.72	-45.98
734	342.12	691.25	125.52	733	-7.74	18002.71	18000.81	-56.79	734	-31.00	18017.66	18018.41	-51.36	735	-54.33	18032.67	18036.08	-45.91

ster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
737	340.72	693.19	125.85	736	-7.74	18002.49	18000.84	-56.86	737	-31.00	18017.67	18018.53	-51.36	738	-54.34	18032.90	18036.27	-45.86
740	339.32	695.13	126.18	739	-7.74	18002.40	18000.79	-56.91	740	-31.00	18017.68	18018.52	-51.36	741	-54.33	18033.01	18036.31	-45.79
743	337.90	697.05	126.50	742	-7.74	18002.33	18000.62	-56.96	743	-31.00	18017.66	18018.38	-51.35	744	-54.33	18033.03	18036.19	-45.73
746	336.47	698.97	126.83	745	-7.74	18002.41	18000.37	-57.02	746	-31.00	18017.67	18018.13	-51.35	747	-54.33	18033.00	18035.94	-45.67
749	335.03	700.88	127.15	748	-7.74	18002.49	18000.00	-57.09	749	-31.00	18017.65	18017.74	-51.35	750	-54.33	18032.86	18035.53	-45.60
752	333.58	702.79	127.48	751	-7.74	18002.63	17999.52	-57.16	752	-30.99	18017.68	18017.24	-51.35	753	-54.33	18032.79	18035.02	-45.52
755	332.12	704.68	127.81	754	-7.74	18002.65	17998.87	-57.24	755	-31.00	18017.65	18016.59	-51.35	756	-54.33	18032.71	18034.37	-45.44
758	330.65	706.57	128.13	757	-7.75	18002.56	17998.05	-57.32	758	-30.99	18017.68	18015.82	-51.37	759	-54.32	18032.85	18033.65	-45.39
761	329.17	708.44	128.46	760	-7.75	18002.37	17997.06	-57.40	761	-31.00	18017.70	18014.91	-51.37	762	-54.32	18033.08	18032.82	-45.33
764	327.67	710.31	128.78	763	-7.75	18001.79	17995.83	-57.47	764	-30.99	18017.72	18013.88	-51.39	765	-54.31	18033.71	18031.99	-45.29
767	326.17	712.17	129.11	766	-7.77	18000.75	17994.35	-57.57	767	-31.00	18017.72	18012.73	-51.43	768	-54.32	18034.74	18031.16	-45.26
770	324.66	714.02	129.44	769	-7.76	17999.27	17992.68	-57.68	770	-31.00	18017.75	18011.51	-51.46	771	-54.31	18036.31	18030.41	-45.22
773	323.13	715.87	129.76	772	-7.79	17996.99	17990.75	-57.79	773	-31.01	18017.79	18010.27	-51.50	774	-54.32	18038.64	18029.86	-45.18
776	321.60	717.70	130.09	775	-7.78	17993.96	17988.67	-57.89	776	-31.00	18017.81	18009.09	-51.53	777	-54.30	18041.78	18029.60	-45.15
779	320.05	719.53	130.41	778	-7.81	17989.96	17986.46	-58.01	779	-31.03	18017.86	18008.07	-51.58	780	-54.33	18045.79	18029.74	-45.13
782	318.50	721.34	130.74	781	-7.80	17984.92	17984.28	-58.11	782	-31.01	18017.90	18007.36	-51.64	783	-54.31	18051.04	18030.55	-45.14
785	316.93	723.15	131.07	784	-7.85	17978.63	17982.20	-58.25	785	-31.06	18017.98	18007.13	-51.71	786	-54.36	18057.37	18032.11	-45.14
788	315.35	724.95	131.39	787	-7.81	17971.24	17980.56	-58.34	788	-31.02	18017.97	18007.59	-51.76	789	-54.33	18064.95	18034.74	-45.15
791	313.77	726.74	131.72	790	-7.89	17962.62	17979.52	-58.47	791	-31.11	18018.10	18009.02	-51.82	792	-54.42	18073.57	18038.57	-45.14
794	312.17	728.52	132.04	793	-7.80	17953.17	17979.60	-58.54	794	-31.03	18018.03	18011.71	-51.86	795	-54.36	18083.27	18043.99	-45.15
797	310.56	730.29	132.37	796	-7.94	17942.85	17981.01	-58.67	797	-31.19	18018.17	18016.01	-51.88	798	-54.53	18093.40	18051.04	-45.05
800	308.94	732.06	132.70	799	-7.74	17932.71	17984.60	-58.66	800	-31.02	18017.99	18022.28	-51.88	801	-54.40	18103.89	18060.21	-45.07
803	307.32	733.81	133.02	802	-7.98	17922.61	17990.49	-58.73	803	-31.29	18018.19	18030.90	-51.83	804	-54.70	18113.49	18071.28	-44.87
806	305.68	735.55	133.35	805	-7.60	17914.66	17999.98	-58.58	806	-30.97	18017.76	18042.22	-51.70	807	-54.45	18121.85	18084.82	-44.79
809	304.03	737.29	133.68	808	-8.02	17908.73	18012.89	-58.64	809	-31.44	18018.02	18056.53	-51.54	810	-54.96	18126.60	18100.03	-44.60
812	302.38	739.01	134.00	811	-7.30	17908.21	18031.04	-58.26	812	-30.83	18017.20	18074.09	-51.27	813	-54.45	18127.79	18117.69	-44.23
815	300.71	740.73	134.33	814	-8.08	17912.72	18053.55	-58.24	815	-31.66	18017.62	18094.90	-50.88	816	-55.34	18120.98	18135.85	-43.47
818	299.03	742.44	134.65	817	-6.76	17927.86	18083.00	-57.52	818	-30.50	18016.06	18118.87	-50.37	819	-54.33	18106.94	18155.60	-43.19
821	297.35	744.13	134.98	820	-8.19	17951.96	18116.89	-57.53	821	-32.00	18016.88	18145.44	-49.73	822	-55.88	18078.65	18173.10	-41.88
824	295.65	745.82	135.31	823	-5.82	17993.94	18158.95	-56.30	824	-29.84	18014.13	18173.87	-48.91	825	-53.92	18038.88	18190.19	-41.50
827	293.95	747.50	135.63	826	-8.51	18049.03	18203.60	-56.47	827	-32.55	18015.82	18202.60	-47.95	828	-56.66	17976.47	18199.79	-39.39
830	292.23	749.16	135.96	829	-4.31	18131.22	18256.53	54.48	830	-28.59	18011.10	18229.86	-46.78	831	-52.91	17898.96	18205.59	-39.12
833	290.51	750.82	136.28	832	-9.13	18229.12	18306.61	-55.24	833	-33.53	18014.65	18252.61	-45.53	834	-57.94	17788.53	18195.09	-35.81
836	288.77	752.47	136.61	835	-2.50	18364.91	18362.94	-52.17	836	-26.47	18006.69	18267.57	-44.08	837	-50.41	17662.73	18176.42	-36.11
839	287.03	754.11	136.94	838	-8.40	18514.07	18406.12	-54.26	839	-34.89	18014.09	18269.98	-42.68	840	-61.32	17492.57	18127.29	-31.16

30-Oct-90

yster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
842	285.28	755.74	137.26	841 -8.03	18711.22	18446.46	-49.53	842 -24.60	18000.70	18253.60	-41.19	843 -41.10	17315.91	18068.32	-33.11
845	283.52	757.36	137.59	844 -1.84	18817.06	18435.90	-83.12	845 -32.45	17999.86	18211.86	-73.72	846 -62.92	17206.06	17994.70	-64.44
848	280.57	760.02	138.13	847 13.97	19031.87	18367.86	-84.64	848 -19.94	18001.59	18087.00	-72.22	849 -53.63	16984.68	17809.97	-60.12
851	277.60	762.66	138.67	850 -9.23	19438.17	18239.11	-89.94	851 -27.38	18011.17	17856.48	-72.60	852 -45.27	16561.83	17466.90	-55.53
854	274.61	765.27	139.21	853 4.93	19807.21	17962.98	-91.21	854 -13.60	18004.70	17484.26	-75.62	855 -31.80	16220.89	17010.82	-60.60
857	271.59	767.85	139.75	856 -15.96	19976.36	17432.23	-103.58	857 -25.31	18026.14	16932.17	-83.25	858 -34.34	16043.78	16422.14	-63.27
860	268.55	770.40	140.29	859 -6.69	19823.53	16611.90	-110.87	860 -10.53	18026.70	16180.27	-96.81	861 -14.13	16258.98	15757.09	-83.34
863	265.48	772.92	140.84	862 -44.03	19053.06	15406.78	-134.44	863 -30.79	18069.98	15241.28	-118.81	864 -17.59	17044.70	15063.11	-103.17
866	262.39	775.41	141.38	865 -36.87	17451.70	13857.82	-149.64	866 -28.47	18084.14	14179.79	-150.20	867 -20.52	18766.06	14516.97	-150.68
869	259.28	777.88	141.92	868 -103.92	14599.45	11968.27	-185.34	869 -28.53	18158.06	13168.47	-191.77	870 45.42	21668.69	14355.38	-196.72
872	256.14	780.31	142.46	871 -80.62	10333.80	10030.77	-202.34	872 -190.29	18186.56	12402.41	-243.31	873 -301.75	26121.73	14800.89	-281.96
875	252.98	782.72	143.00	874 333.23	8918.09	9870.17	1171.60	875 -35.21	17006.13	12134.46	241.64	876 -46.34	25370.48	14587.51	-1485.97
878	251.48	783.85	143.26	877 220.32	2883.75	8539.32	1426.66	878 -221.39	7588.66	9621.00	615.24	879 424.56	10624.46	10518.03	-2475.80
881	249.98	784.97	143.51	880 -192.68	2254.42	8785.43	488.64	881 -403.64	5513.50	9362.53	118.74	882 -210.32	6234.32	9292.50	-921.93
884	247.27	786.96	143.97	883 21.72	3076.07	9920.88	-20.33	884 -9.20	4996.28	10124.86	-28.18	885 -40.96	6716.86	10267.74	-34.62
887	244.55	788.92	144.43	886 30.87	3199.62	10836.46	-10.38	887 -18.58	4851.50	10931.03	17.20	888 -68.46	6634.96	11064.11	45.07
890	241.81	790.87	144.89	889 4.61	3554.01	11858.15	51.90	890 -43.28	4821.13	11817.52	68.84	891 -91.14	6045.15	11762.10	85.89
893	239.05	792.79	145.34	892 30.89	4383.72	13075.21	96.56	893 -23.80	4717.12	12738.49	128.28	894 -77.51	5074.06	12406.19	158.69
896	236.28	794.69	145.80	895 3.25	5658.88	14425.81	157.57	896 -50.34	4626.56	13677.91	195.09	897 -101.70	3573.19	12919.69	229.49
899	233.49	796.57	146.26	898 99.93	7492.65	15967.01	219.65	899 24.64	4498.71	14640.44	270.47	900 -46.36	1526.61	13314.58	315.37
902	230.69	798.42	146.72	901 -152.15	9814.69	17490.25	419.45	902 -148.71	4300.69	15480.76	329.68	903 -144.33	-1072.53	13502.86	236.43
905	225.89	801.86	147.52	904 -223.04	11844.58	19456.57	584.63	905 -230.26	3937.43	16876.73	297.04	906 -224.84	-3654.10	14382.44	10.60
908	221.39	805.68	148.32	907 -256.74	12354.96	20594.03	426.50	908 -244.48	3656.74	17959.58	115.70	909 -216.54	-4676.72	15426.02	-192.06
911	217.22	809.87	149.09	910 -189.07	11004.75	20658.70	267.72	911 -227.42	3403.76	18492.72	4.04	912 -254.58	-3880.81	16414.04	-255.87
914	213.41	814.38	149.85	913 -114.32	8668.95	19847.73	132.70	914 -172.42	3175.64	18413.24	-46.76	915 -223.40	-2087.23	17043.20	-222.44
917	209.99	819.19	150.57	916 -34.32	6076.59	18451.85	36.23	917 -108.66	2976.34	17780.29	-50.57	918 -180.60	6.97	17146.65	-134.38
920	206.97	824.26	151.25	919 31.29	3746.17	16767.03	-19.16	920 -48.37	2806.82	16745.17	-24.36	921 -129.60	1908.31	16737.39	-27.85
923	204.38	829.57	151.89	922 76.92	1970.67	15055.03	-38.80	923 -1.32	2666.67	15496.07	15.62	924 -83.97	3335.70	15933.22	70.34
926	202.23	835.08	152.47	925 100.58	840.90	13506.55	-33.01	926 28.29	2554.86	14212.08	56.37	927 -49.93	4198.39	14902.11	144.71
929	200.55	840.74	153.01	928 107.09	298.04	12230.23	-13.09	929 43.40	2468.67	13031.44	89.00	930 -26.55	4550.70	13812.24	189.13
932	199.34	846.52	153.48	931 97.21	187.06	11254.42	9.74	932 41.45	2408.15	12036.23	109.35	933 -20.14	4534.99	12795.78	206.30
935	198.61	852.38	153.90	934 94.37	317.16	10557.86	26.28	935 48.52	2369.02	11265.11	114.58	936 -2.13	4339.91	11953.68	200.25
938	198.37	858.28	154.25	937 117.07	595.88	10122.19	81.61	938 29.25	2451.19	10742.05	125.80	939 -68.12	3776.95	11206.31	222.38
941	198.31	858.78	154.28	940 -136.20	389.01	9955.70	-196.05	941 -245.71	2663.36	10695.46	-133.61	942 -182.37	3312.73	11005.33	470.04
944	198.32	860.78	154.39	943 19.10	154.95	9830.21	-526.72	944 -168.91	3569.89	10854.30	-471.41	945 156.67	6106.00	11773.91	1314.05

yster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
947	198.32	862.78	154.50	946 209.23	1573.16	10296.37	-541.48	947 183.47	8688.87	12446.04	-141.65	948 312.77	16351.15	14810.45	818.11
950	198.32	863.78	154.55	949 68.91	767.58	10123.46	223.65	950 -87.18	9516.51	12725.29	250.11	951 -247.55	18529.41	15410.58	276.65
953	198.32	864.78	154.61	952 -63.79	2836.85	10942.72	232.15	953 -37.90	9621.06	13010.97	218.19	954 -15.42	16243.85	15034.21	204.18
956	198.32	865.78	154.66	955 14.74	4810.45	11892.47	179.72	956 -11.33	9555.63	13334.63	187.84	957 -39.83	14394.79	14807.41	195.98
959	198.32	866.78	154.71	958 -26.32	6403.28	12759.96	162.89	959 -40.67	9589.48	13739.35	159.35	960 -56.67	12728.88	14706.37	155.80
962	198.32	867.78	154.76	961 -5.43	7804.94	13633.56	129.41	962 -23.43	9570.04	14186.87	131.79	963 -42.42	11361.60	14749.10	134.18
965	198.32	868.83	154.82	964 -14.11	8962.57	14474.08	108.50	965 -33.92	9578.51	14683.52	107.86	966 -54.13	10183.19	14890.00	107.21
968	198.32	869.88	154.87	967 -9.28	9921.53	15268.38	84.68	968 -29.36	9573.43	15189.87	85.38	969 -49.40	9231.13	15113.07	86.08
971	198.32	870.93	154.93	970 -10.52	10666.12	15990.70	65.66	971 -32.47	9575.15	15690.06	65.58	972 -54.03	8480.55	15387.93	65.50
974	198.32	871.98	154.98	973 -8.13	11232.04	16642.95	48.13	974 -31.43	9573.57	16172.84	48.39	975 -54.06	7915.86	15702.29	48.65
977	198.32	873.03	155.04	976 -7.83	11639.15	17220.48	33.67	977 -32.36	9573.86	16629.03	33.69	978 -56.04	7506.78	16036.19	33.70
980	198.32	874.08	155.09	979 -6.11	11913.76	17725.84	21.22	980 -32.22	9573.39	17052.37	21.32	981 -57.32	7232.18	16377.66	21.42
983	198.32	875.13	155.15	982 -6.56	12076.42	18159.83	11.10	983 -32.36	9573.34	17438.50	11.09	984 -57.08	7069.07	16715.75	11.09
986	198.32	876.18	155.20	985 -0.98	12148.34	18528.75	2.76	986 -32.66	9573.40	17784.85	2.81	987 -63.24	6996.78	17039.34	2.86
989	198.32	877.23	155.25	988 -16.98	12144.98	18827.84	-3.66	989 -31.72	9573.01	18090.53	-3.75	990 -45.37	7000.93	17352.11	-3.84
992	198.32	878.28	155.31	991 6.26	11896.60	19027.26	-38.44	992 -34.06	9572.10	18357.07	-38.36	993 -73.40	7247.50	17685.89	-38.29
995	198.32	880.55	155.42	994 -2.90	11507.43	19359.78	-15.65	995 -34.47	9571.79	18809.62	-15.79	996 -65.26	7634.87	18258.29	-15.92
998	198.32	882.81	155.53	997 -3.89	11160.87	19561.68	-17.98	998 -33.37	9572.29	19116.81	-18.09	999 -62.24	7983.17	18671.16	-18.21
1001	198.32	885.08	155.64	1000 -0.32	10790.72	19641.10	-17.46	1001 -32.92	9573.08	19306.86	-17.60	1002 -65.09	8354.67	18971.95	-17.74
1004	198.32	887.34	155.75	1003 0.90	10444.52	19637.64	-15.38	1004 -32.21	9573.64	19407.38	-15.48	1005 -65.06	8702.48	19176.76	-15.59
1007	198.32	889.61	155.86	1006 1.75	10148.34	19585.31	-12.52	1007 -31.77	9574.24	19443.95	-12.62	1008 -65.17	8999.78	19302.36	-12.72
1010	198.32	891.88	155.97	1009 2.09	9912.76	19509.10	-9.54	1010 -31.32	9574.64	19438.48	-9.60	1011 -64.71	9236.43	19367.82	-9.67
1013	198.32	894.14	156.08	1012 2.04	9737.56	19426.30	-6.76	1013 -31.06	9574.99	19408.33	-6.82	1014 -64.23	9412.30	19390.38	-6.87
1016	198.32	896.41	156.19	1015 1.86	9616.47	19347.98	-4.43	1016 -30.83	9575.19	19366.39	-4.45	1017 -63.64	9533.94	19384.95	-4.48
1019	198.32	898.67	156.29	1018 1.53	9539.88	19280.13	-2.58	1019 -30.72	9575.35	19321.58	-2.60	1020 -63.13	9610.81	19363.20	-2.62
1022	198.32	900.94	156.40	1021 1.21	9497.42	19225.27	-1.24	1022 -30.64	9575.42	19279.50	-1.25	1023 -62.66	9653.48	19333.94	-1.25
1025	198.32	903.20	156.50	1024 0.88	9479.07	19183.48	-0.34	1025 -30.62	9575.46	19243.25	-0.34	1026 -62.31	9671.88	19303.23	-0.35
1028	198.32	905.47	156.61	1027 0.61	9476.20	19153.50	0.18	1028 -30.61	9575.46	19214.15	0.19	1029 -62.02	9674.78	19275.02	0.19
1031	198.32	907.73	156.71	1030 0.39	9481.73	19133.38	0.42	1031 -30.63	9575.45	19192.39	0.42	1032 -61.83	9669.21	19251.61	0.43
1034	198.32	910.00	156.81	1033 0.24	9490.41	19121.13	0.45	1034 -30.64	9575.43	19177.54	0.45	1035 -61.70	9660.51	19234.16	0.46
1037	198.32	912.27	156.91	1036 0.14	9498.56	19114.97	0.35	1037 -30.65	9575.42	19168.95	0.35	1038 -61.64	9652.32	19223.12	0.35
1040	198.32	914.53	157.01	1039 0.10	9504.07	19113.68	0.18	1040 -30.66	9575.41	19166.00	0.18	1041 -61.61	9646.79	19218.52	0.18
1043	198.32	916.80	157.11	1042 0.12	9506.20	19116.62	0.01	1043 -30.67	9575.41	19168.30	0.01	1044 -61.64	9644.64	19220.17	0.01
1046	198.32	919.06	157.21	1045 0.19	9505.50	19123.79	-0.11	1046 -30.66	9575.41	19175.68	-0.11	1047 -61.71	9645.35	19227.76	-0.11
1049	198.32	921.33	157.31	1048 0.32	9503.75	19135.80	-0.11	1049 -30.66	9575.41	19188.20	-0.11	1050 -61.82	9647.11	19240.80	-0.11

yster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1052	198.32	923.59	157.41	1051	0.49	9504.00	19153.69	0.06	1052	-30.66	9575.41	19206.01	0.06	1053	-61.99	9666.86	19258.52	0.06
1055	198.32	925.86	157.50	1054	0.70	9510.55	19178.76	0.46	1055	-30.67	9575.40	19229.09	0.47	1056	-62.22	9640.28	19279.61	0.47
1058	198.32	928.13	157.60	1057	0.94	9528.96	19212.22	1.15	1058	-30.70	9575.36	19257.00	1.16	1059	-62.50	9621.80	19301.96	1.17
1061	198.32	930.39	157.69	1060	1.18	9565.89	19254.71	2.18	1061	-30.76	9575.30	19288.38	2.20	1062	-62.85	9584.71	19322.20	2.22
1064	198.32	932.66	157.79	1063	1.39	9628.74	19305.78	3.58	1064	-30.86	9575.18	19320.55	3.61	1065	-63.23	9521.60	19335.44	3.63
1067	198.32	934.92	157.88	1066	1.52	9724.97	19363.05	5.33	1067	-31.03	9575.00	19348.89	5.37	1068	-63.65	9424.96	19334.79	5.41
1070	198.32	937.19	157.97	1069	1.43	9860.94	19421.33	7.35	1070	-31.25	9574.75	19366.34	7.40	1071	-63.95	9288.43	19311.33	7.45
1073	198.32	939.45	158.06	1072	1.28	10040.17	19471.72	9.46	1073	-31.57	9574.42	19362.87	9.53	1074	-64.35	9108.44	19253.86	9.60
1076	198.32	941.72	158.16	1075	-0.04	10260.79	19500.15	11.37	1076	-31.93	9574.01	19325.26	11.45	1077	-63.63	8886.92	19150.09	11.53
1079	198.32	943.98	158.25	1078	0.96	10512.89	19488.40	12.58	1079	-32.45	9573.55	19237.18	12.67	1080	-65.55	8633.74	18985.51	12.77
1082	198.32	946.25	158.34	1081	-1.45	10809.02	19419.43	18.83	1082	-32.72	9573.20	19079.67	18.92	1083	-63.55	8336.79	18739.28	19.01
1085	198.32	948.25	158.41	1084	-7.43	11067.49	19281.53	10.42	1085	-32.87	9572.95	18865.53	10.48	1086	-57.73	8077.72	18448.76	10.54
1088	198.32	950.25	158.49	1087	-4.94	11211.49	19026.35	5.86	1088	-33.16	9572.75	18565.68	5.90	1089	-60.73	7933.17	18104.10	5.93
1091	198.32	952.25	158.57	1090	-12.51	11233.03	18637.14	-2.17	1091	-33.17	9572.71	18171.43	-2.18	1092	-53.19	7911.57	17704.82	-2.19
1094	198.32	954.25	158.65	1093	-3.41	11060.45	18098.97	-14.62	1094	-32.99	9572.98	17681.37	-14.72	1095	-61.99	8084.73	17262.96	-14.82
1097	198.32	956.25	158.72	1096	-4.29	10824.77	17451.90	-7.48	1097	-32.51	9574.01	17104.53	-7.53	1098	-60.26	8321.75	16756.25	-7.58
1100	198.32	957.20	158.76	1099	-8.88	10539.18	17063.90	-43.52	1100	-30.54	9573.90	16803.34	-43.74	1101	-51.88	8610.61	16543.05	-43.96
1103	198.32	958.16	158.79	1102	-6.68	10091.20	16617.82	-56.08	1103	-32.54	9575.90	16490.20	-55.91	1104	-58.29	9056.02	16361.10	-55.73
1106	198.32	959.11	158.83	1105	-4.68	9532.09	16131.43	-68.76	1106	-28.25	9573.02	16170.52	-69.60	1107	-51.97	9622.70	16212.39	-70.44
1109	198.32	960.06	158.87	1108	-12.74	8834.20	15600.74	-86.06	1109	-35.80	9580.21	15850.63	-84.83	1110	-59.37	10308.42	16095.67	-83.60
1112	198.32	961.01	158.90	1111	2.38	8014.29	15049.76	-98.35	1112	-19.62	9566.85	15540.99	-101.57	1113	-42.51	11157.73	16044.62	-104.80
1115	198.32	961.97	158.94	1114	-27.76	6996.21	14445.80	-125.68	1115	-48.94	9596.12	15250.63	-119.78	1116	-71.48	12120.44	16034.15	-113.86
1118	198.32	962.92	158.97	1117	23.08	5896.09	13874.67	-126.35	1118	2.83	9539.42	14991.78	-139.29	1119	-19.35	13337.66	16157.30	-152.26
1121	198.32	963.87	159.01	1120	-42.91	4448.97	13212.05	-184.57	1121	-62.14	9651.31	14796.54	-159.93	1122	-83.95	14565.29	16297.09	-135.21
1124	198.32	964.82	159.04	1123	-52.59	3122.06	12668.30	-134.04	1124	-72.56	9455.17	14590.67	-181.52	1125	-95.84	16289.36	16666.68	-229.16
1127	198.32	965.78	159.08	1126	574.26	3872.56	13027.18	595.64	1127	483.57	7533.78	14125.83	-182.57	1128	389.89	19381.51	17683.42	-963.30
1130	198.32	965.88	159.08	1129	-386.25	5202.06	13139.36	918.43	1130	278.04	7198.94	13966.50	-115.47	1131	736.50	9882.37	14939.41	-796.08
1133	198.32	966.25	159.10	1132	-849.72	5391.22	13057.05	-0.22	1133	-700.82	8365.10	14024.04	-0.33	1134	-133.83	4203.08	12975.70	-0.22
1136	198.32	966.63	159.11	1135	-389.59	5199.07	13137.82	-921.58	1136	274.09	7200.60	13966.19	114.82	1137	733.45	9881.83	14938.71	797.32
1139	198.32	966.73	159.11	1138	556.01	3874.54	13022.53	-596.11	1139	469.78	7545.91	14125.57	180.77	1140	380.57	19355.62	17673.08	960.17
1142	198.32	967.73	159.15	1141	-53.24	3174.78	12690.10	135.78	1142	-75.06	9464.22	14598.85	179.79	1143	-100.17	16219.02	16650.50	223.94
1145	198.32	968.73	159.19	1144	-41.75	4568.76	13268.60	180.67	1145	-59.67	9467.97	14816.62	157.18	1146	-80.12	14452.30	16284.70	133.61
1148	198.32	969.73	159.22	1147	22.16	6049.03	13959.64	122.85	1148	2.24	9539.95	15031.26	135.66	1149	-19.54	13183.53	16150.53	148.51
1151	198.32	970.73	159.26	1150	-28.60	7169.83	14558.78	121.51	1151	-49.31	9596.52	15311.97	115.43	1152	-71.30	11945.71	16043.20	109.33
1154	198.32	971.13	159.30	1153	2.57	8195.35	15187.95	93.24	1154	-19.10	9566.14	15624.98	96.68	1155	-41.58	10977.66	16075.04	100.14

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1157	198.32	972.73	159.33	1156	-13.49	9008.52	15758.76	80.99	1157	-36.40	9580.63	15956.80	79.59	1158	-59.72	10132.78	16149.27	78.17
1160	198.32	973.73	159.37	1159	-4.71	9692.08	16305.96	63.23	1160	-27.95	9572.55	16297.32	64.18	1161	-51.28	9463.14	16291.80	65.13
1163	198.32	974.73	159.40	1162	-6.34	10228.28	16803.92	50.75	1163	-32.90	9576.04	16635.36	50.50	1164	-59.28	8918.19	16464.94	50.24
1166	198.32	975.73	159.44	1165	-11.28	10648.92	17256.65	38.24	1166	-30.41	9573.64	16964.22	38.69	1167	-49.15	8500.95	16672.19	38.75
1169	198.32	976.73	159.47	1168	-2.02	10870.61	17640.00	-1.17	1169	-32.82	9573.92	17278.47	-1.17	1170	-63.13	8275.30	16915.87	-1.18
1172	198.32	978.93	159.55	1171	-3.23	11026.65	18309.55	10.01	1172	-33.28	9572.70	17902.32	10.10	1173	-62.75	8118.03	17494.31	10.19
1175	198.32	981.13	159.63	1174	-11.93	11038.73	18860.55	-1.05	1175	-33.40	9572.51	18423.33	-1.06	1176	-54.27	8005.50	17985.26	-1.07
1178	198.32	983.33	159.71	1177	-4.40	11071.94	19253.41	-6.99	1178	-33.26	9572.62	18834.89	-7.04	1179	-61.55	8072.59	18415.57	-7.08
1181	198.32	985.53	159.78	1180	-2.42	10918.34	19514.17	-8.98	1181	-32.99	9572.90	19141.90	-9.04	1182	-63.06	8226.80	18768.92	-9.10
1184	198.32	987.73	159.86	1183	0.05	10749.53	19677.12	-8.12	1184	-32.69	9573.19	19355.32	-8.17	1185	-65.02	8396.30	19032.93	-8.23
1187	198.32	989.94	159.93	1186	1.36	10614.90	19761.51	-5.37	1187	-32.47	9573.43	19487.08	-5.40	1188	-65.9[illegible]	8531.47	19205.14	-5.44
1190	198.32	992.14	160.01	1189	2.03	10545.28	19807.22	-1.57	1190	-32.35	9573.55	19546.66	-1.59	1191	-66.40	8601.37	19285.63	-1.60
1193	198.32	994.34	160.08	1192	1.94	10554.59	19802.30	2.50	1193	-32.37	9573.54	19538.94	2.52	1194	-66.35	8592.02	19275.12	2.54
1196	198.32	996.54	160.16	1195	1.11	10641.04	19752.56	6.12	1196	-32.51	9573.38	19463.29	6.17	1197	-65.76	8505.23	19173.51	6.21
1199	198.32	998.74	160.23	1198	-0.38	10786.92	19646.62	8.52	1199	-32.76	9573.13	19313.62	8.57	1200	-64.71	8358.75	18980.00	8.63
1202	198.32	1000.94	160.30	1201	-3.07	10957.28	19463.57	8.81	1202	-33.06	9572.83	19079.64	8.87	1203	-62.53	8187.70	18694.99	8.93
1205	198.32	1003.15	160.37	1204	-5.13	11098.01	19175.64	6.01	1205	-33.32	9572.58	18749.31	6.05	1206	-60.91	8046.39	18322.17	6.09
1208	198.32	1005.35	160.45	1207	-13.24	11132.22	18747.66	-1.01	1208	-33.40	9572.52	18312.55	-1.02	1209	-52.96	8012.05	17876.61	-1.03
1211	198.32	1007.55	160.52	1210	-3.23	10962.42	18154.93	-13.44	1211	-33.17	9572.83	17766.73	-13.55	1212	-62.58	8182.50	17377.78	-13.66
1214	198.32	1009.75	160.59	1213	-2.13	10742.81	17446.04	-2.72	1214	-32.60	9573.96	17122.59	-2.77	1215	-62.65	8403.70	16798.30	-2.81
1217	198.32	1010.70	160.62	1216	-10.64	10477.71	17058.98	-43.61	1217	-30.45	9573.93	16817.42	-43.83	1218	-49.97	8672.24	16576.21	-44.05
1220	198.32	1011.66	160.65	1219	-6.13	10029.39	16610.47	-56.12	1220	-32.53	9575.96	16501.26	-55.94	1221	-58.84	9117.93	16390.58	-55.76
1223	198.32	1012.61	160.68	1222	-4.77	9470.14	16121.64	-68.74	1223	-28.20	9573.05	16179.36	-69.58	1224	-51.81	9684.78	16239.92	-70.42
1226	198.32	1013.56	160.71	1225	-12.68	8772.55	15589.68	-86.01	1226	-35.79	9580.27	15858.[illegible]	-84.77	1227	-59.42	10370.16	16121.62	-83.54
1229	198.32	1014.51	160.74	1228	2.43	7953.31	15038.30	-98.25	1229	-19.55	9566.86	15547.83	-101.48	1230	-42.46	11218.88	16069.82	-104.72
1232	198.32	1015.47	160.77	1231	-27.78	6936.09	14434.76	-125.58	1232	-48.96	9596.22	15257.65	-119.66	1233	-71.54	12180.56	16059.20	-113.72
1235	198.32	1016.42	160.80	1234	23.19	5837.38	13865.07	-126.16	1235	2.95	9539.35	14999.77	-139.13	1236	-19.25	13396.70	16183.06	-152.14
1238	198.32	1017.37	160.83	1237	-42.91	4391.55	13204.54	-184.44	1238	-62.19	9651.55	14806.31	-159.73	1239	-84.08	14622.40	16323.94	-134.94
1241	198.32	1018.32	160.86	1240	-52.86	3067.20	12663.95	-133.65	1241	-72.71	9454.86	14602.73	-181.27	1242	-95.90	16345.01	16695.61	-229.04
1244	198.32	1019.28	160.89	1243	576.25	3825.59	13030.10	598.41	1244	485.24	7527.76	14139.95	-182.25	1245	391.22	19440.67	17717.04	-965.44
1247	198.32	1019.38	160.89	1246	-387.77	5162.[illegible]	13142.70	922.24	1247	279.99	7192.25	13980.90	-114.56	1248	740.84	9910.80	14965.10	-797.66
1250	198.32	1019.75	160.90	1249	-852.54	5353.81	13062.23	0.41	1250	-704.99	8362.05	14039.16	0.34	1251	-137.20	4214.23	12995.37	0.13
1253	198.32	1020.13	160.91	1252	-390.81	5162.71	13145.31	-924.05	1253	276.14	7193.93	13983.59	115.25	1254	737.77	9908.06	14966.70	799.79
1256	198.32	1020.23	160.92	1255	557.82	3836.10	13030.69	-597.47	1256	471.37	7540.16	14143.50	181.80	1257	381.93	19405.67	17707.73	963.59
1259	198.32	1021.23	160.95	1258	-53.30	3138.63	12702.81	136.80	1259	-75.23	9463.93	14622.33	180.93	1260	-100.46	16255.85	16685.13	225.20

ter Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1262	198.32	1022.23	160.98	1261	-41.76	4543.43	13289.54	182.01	1262	-59.73	9648.18	14845.25	158.45	1263	-80.24	14477.30	16320.82	134.82
1265	198.32	1023.23	161.01	1264	22.33	6036.67	13989.84	124.24	1265	2.33	9539.86	15065.18	137.08	1266	-19.54	13196.12	16188.31	149.98
1268	198.32	1024.23	161.04	1267	-28.55	7171.59	14598.69	123.14	1268	-49.36	9596.57	15351.42	117.04	1269	-71.46	11943.84	16082.12	110.92
1271	198.32	1025.23	161.07	1270	2.70	8213.32	15238.23	95.05	1271	-19.08	9566.10	15669.93	98.51	1272	-41.66	10959.71	16114.67	101.98
1274	198.32	1026.23	161.10	1273	-13.36	9044.71	15819.74	83.05	1274	-36.44	9580.62	16006.98	81.65	1275	-59.92	10096.48	16188.61	80.24
1277	198.32	1027.23	161.13	1276	-4.71	9748.91	16377.80	65.56	1277	-27.96	9572.49	16352.23	56.51	1278	-51.26	9406.24	16329.76	67.47
1280	198.32	1028.23	161.16	1279	-5.73	10308.34	16886.83	53.36	1280	-33.00	9576.00	16694.17	53.11	1281	-60.05	8837.92	16499.58	52.87
1283	198.32	1029.23	161.19	1282	-12.97	10754.76	17349.36	41.17	1283	-30.31	9573.51	17025.84	41.42	1284	-47.23	8395.02	16702.71	41.67
1286	198.32	1030.23	161.22	1285	0.77	10985.94	17738.81	-3.47	1286	-33.28	9573.53	17341.77	-3.46	1287	-66.78	8159.33	16943.65	-3.44
1289	198.32	1032.65	161.29	1288	-2.35	11179.59	18474.61	12.45	1289	-34.01	9572.00	18021.09	12.57	1290	-65.04	7963.57	17566.67	12.69
1292	198.32	1035.08	161.36	1291	-13.40	11367.79	19067.94	1.89	1292	-34.27	9571.61	18562.26	1.91	1293	-54.43	7774.55	18055.60	1.92
1295	198.32	1037.51	161.44	1294	-4.56	11373.74	19460.29	-3.03	1295	-34.26	9571.60	18950.99	-3.05	1296	-63.23	7768.58	18440.71	-3.08
1298	198.32	1039.94	161.51	1297	-3.18	11302.52	19674.87	-4.17	1298	-34.09	9571.74	19187.10	-4.20	1299	-64.31	7840.12	18698.38	-4.23
1301	198.32	1042.36	161.58	1300	-1.60	11221.07	19740.43	-3.33	1301	-33.92	9571.91	19276.88	-3.96	1302	-65.60	7921.96	18812.45	-3.39
1304	198.32	1044.79	161.65	1303	-2.47	11154.59	19670.74	-2.27	1304	-33.80	9572.05	19227.35	-2.29	1305	-64.52	7988.73	18783.11	-2.31
1307	198.32	1047.22	161.72	1306	-3.07	11090.09	19468.26	-2.62	1307	-33.70	9572.18	19044.37	-2.64	1308	-63.73	8053.53	18619.07	-2.67
1310	198.32	1049.65	161.78	1309	-10.72	10976.27	19120.61	-5.99	1310	-33.51	9572.42	18752.29	-6.04	1311	-55.79	8167.86	18343.24	-6.09
1313	198.32	1052.07	161.85	1312	1.02	10730.08	18620.10	-13.87	1313	-33.07	9572.96	18301.44	-14.00	1314	-66.74	8415.16	17982.17	-14.14
1316	198.32	1054.50	161.92	1315	5.17	10544.95	18036.26	7.23	1316	-32.45	9574.10	17771.35	7.22	1317	-69.75	8601.92	17505.73	7.21
1319	198.32	1055.47	161.95	1318	-12.61	10367.98	17743.55	-35.60	1319	-30.47	9574.06	17537.01	-35.80	1320	-48.09	8782.03	17330.81	-36.00
1322	198.32	1056.43	161.97	1321	-3.23	10003.47	17393.52	-44.57	1322	-32.38	9575.87	17292.87	-44.39	1323	-61.46	9144.10	17190.92	-44.21
1325	198.32	1057.40	162.00	1324	-3.42	9558.70	17010.67	-53.[illegible]	1325	-28.52	9573.22	17043.21	-54.18	1326	-53.78	9595.61	17078.26	-54.92
1328	198.32	1058.36	162.03	1327	-9.97	9011.41	16595.23	-66.31	1328	-35.30	9579.60	16793.12	-65.20	1329	-61.04	10131.89	16986.65	-64.07
1331	198.32	1059.33	162.05	1330	3.28	8377.35	16167.01	-78.59	1331	-21.03	9567.74	16551.13	-77.41	1332	-46.07	10791.77	16946.07	-80.23
1334	198.32	1060.29	162.08	1333	-23.19	7590.60	15696.88	-95.95	1334	-46.88	9593.26	16324.21	-90.78	1335	-71.67	11529.92	16932.83	-85.59
1337	198.32	1061.26	162.11	1336	21.74	6753.28	15259.19	-94.04	1337	-1.30	9544.03	16122.34	-105.18	1338	-25.85	12468.56	17027.15	-116.35
1340	198.32	1062.22	162.13	1339	-38.44	5636.64	14743.71	-141.64	1340	-60.37	9640.45	15970.64	-120.47	1341	-84.32	13395.68	17125.02	-99.24
1343	198.32	1063.19	162.16	1342	-33.98	4644.88	14337.05	-95.95	1343	-57.67	9470.94	15809.22	-136.52	1344	-83.94	14730.21	17413.93	-177.22
1346	198.32	1064.15	162.19	1345	448.72	5385.69	14663.15	495.41	1346	373.35	7845.32	15409.14	-131.69	1347	295.64	17240.44	18238.12	-760.81
1349	198.32	1064.25	162.19	1348	-333.38	6152.85	14659.82	740.33	1349	38.69	7967.45	15347.81	-101.08	1350	394.29	8614.06	15681.53	-642.40
1352	198.32	1064.50	162.19	1351	-1031.04	5925.08	14381.99	-1.12	1352	-755.67	9351.24	15525.67	-1.18	1353	-77.94	3537.48	14017.54	-0.62
1355	198.32	1064.75	162.20	1354	-335.84	6147.19	14657.46	-744.00	1355	35.99	7968.77	15347.47	98.72	1356	392.31	8615.69	15681.51	641.70
1358	198.32	1064.85	162.20	1357	438.70	5374.73	14656.83	-497.53	1358	365.47	7852.97	15409.04	128.47	1359	289.90	17236.33	18235.13	756.50
1361	198.32	1065.85	162.23	1360	-34.99	4647.12	14340.58	95.20	1361	-59.42	9476.74	15713.62	133.57	1362	-86.42	14716.72	17412.33	172.06
1364	198.32	1066.85	162.26	1363	-37.48	5658.56	14761.95	137.43	1364	-58.77	9638.38	15981.91	116.97	1365	-82.06	13378.13	17131.86	96.45

ster Creek Drywell with Sand - Unit Load Case No. 1 (62 psi pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1367	198.32	1067.85	162.28	1366	21.19	6774.9	15288.62	90.15	1367	-1.63	9544.41	16145.50	101.21	1368	-25.96	12446.29	17043.62	112.30
1370	198.32	1068.85	162.31	1369	-23.63	7605.72	15738.57	91.74	1370	-47.07	9593.58	16361.63	86.44	1371	-71.59	11514.27	16965.61	81.12
1373	198.32	1069.85	162.34	1372	3.51	8379.11	16220.80	69.86	1373	-20.65	9567.36	16604.43	72.81	1374	-45.52	10790.85	16999.36	75.77
1376	198.32	1070.85	162.36	1375	-10.42	8992.40	16659.62	61.71	1376	-35.60	9579.95	16863.51	60.47	1377	-61.20	10150.32	17062.66	59.22
1379	198.32	1071.85	162.39	1378	-3.05	9515.80	17086.00	48.64	1379	-28.28	9573.04	17131.49	49.45	1380	-53.67	9639.03	17179.78	50.27
1382	198.32	1072.85	162.42	1381	-3.83	9932.94	17478.75	40.04	1382	-32.45	9576.03	17399.67	39.79	1383	-61.04	9214.51	17319.19	39.55
1385	198.32	1073.85	162.44	1384	-10.52	10269.56	17840.29	31.24	1385	-30.46	9574.10	17662.89	31.48	1386	-50.23	8880.66	17485.92	31.72
1388	198.32	1074.85	162.47	1387	2.54	10438.43	18148.37	-5.07	1388	-32.14	9574.47	17916.67	-5.10	1389	-66.56	8708.73	17684.17	-5.14
1391	198.32	1077.07	162.53	1390	1.60	10602.97	18713.27	12.80	1391	-32.53	9573.43	18433.12	12.91	1392	-66.39	8543.39	18152.46	13.03
1394	198.32	1079.28	162.59	1393	-7.27	10826.95	19220.11	7.11	1394	-32.88	9573.04	18876.20	7.15	1395	-58.04	8318.52	18531.64	7.19
1397	198.32	1081.50	162.64	1396	-0.74	10975.95	19620.77	5.79	1397	-33.11	9572.78	19230.84	5.85	1398	-64.95	8168.89	18840.16	5.91
1400	198.32	1083.71	162.70	1399	0.43	11129.20	19922.57	7.93	1400	-33.31	9572.48	19486.74	7.98	1401	-66.44	8015.09	19050.11	8.02
1403	198.32	1085.93	162.76	1402	1.69	11345.67	20134.32	12.26	1403	-33.71	9572.14	19633.33	12.31	1404	-68.41	7797.64	19131.33	12.47
1406	198.32	1088.14	162.81	1405	1.37	11658.27	20250.30	17.62	1406	-34.13	9571.50	19655.44	17.73	1407	-68.77	7483.94	19059.49	17.83
1409	198.32	1090.36	162.87	1408	-0.26	12070.38	20249.63	22.37	1409	-34.98	9570.89	19531.05	22.55	1410	-68.65	7069.92	18810.97	22.73
1412	198.32	1092.57	162.92	1411	-4.36	12551.54	20093.69	24.91	1412	-35.49	9569.86	19231.06	25.05	1413	-65.32	6587.13	18366.82	25.19
1415	198.32	1094.79	162.98	1414	-7.12	13029.90	19727.98	22.88	1415	-37.09	9569.25	18721.08	23.08	1416	-65.53	6106.35	17711.97	23.28
1418	198.32	1097.00	163.03	1417	3.26	13518.80	19120.32	43.26	1418	-36.34	9570.13	17962.82	43.10	1419	-74.20	5620.83	16803.39	42.94
1421	198.32	1098.00	163.06	1420	-18.47	13810.59	18767.92	6.12	1421	-31.76	9571.39	17530.23	6.23	1422	-43.15	5333.33	16290.99	6.33
1424	198.32	1099.00	163.08	1423	-3.65	13820.78	18286.07	-3.35	1424	-34.31	9572.86	17039.54	-3.30	1425	-63.05	5320.16	15789.66	-3.24
1427	198.32	1100.00	163.11	1426	-8.04	13729.53	17707.01	-15.17	1427	-32.06	9571.27	16488.19	-15.45	1428	-54.21	5414.89	15268.05	-15.73
1430	198.32	1101.00	163.13	1429	-11.15	13506.56	17029.11	-30.99	1430	-35.26	9574.18	15876.67	-30.54	1431	-57.61	5632.77	14719.76	-30.08
1433	198.32	1102.00	163.15	1432	-7.77	13134.41	16251.80	-47.64	1433	-28.93	9569.19	15208.87	-48.85	1434	-48.50	6016.35	14168.00	-50.07
1436	198.32	1103.00	163.18	1435	-18.05	12558.76	15358.05	-72.69	1436	-40.20	9579.94	14489.08	-70.67	1437	-61.03	6572.16	13610.11	-68.64
1439	198.32	1104.00	163.20	1438	-8.51	11790.18	14369.20	-91.63	1439	-18.55	9560.14	13726.61	-96.22	1440	-27.65	7382.95	13098.93	-100.83
1442	198.32	1105.00	163.23	1441	-9.72	10708.75	13251.17	-133.96	1442	-53.24	9600.28	12933.12	-125.72	1443	-96.30	8387.54	12583.32	-117.46
1445	198.32	1106.00	163.25	1444	-94.60	9427.33	12031.09	-142.54	1445	-7.99	9527.56	12112.32	-159.28	1446	78.31	9818.87	12251.20	-176.07
1448	198.32	1107.00	163.28	1447	-139.86	6028.48	10188.64	-138.24	1448	-29.59	9337.95	11236.75	46.91	1449	21.51	12891.06	12342.73	-350.46
1451	198.47	1108.25	163.29	1450	-308.63	-940.50	7091.04	-472.56	1451	-180.25	6223.72	9304.86	409.05	1452	-269.49	13658.09	11541.52	-414.06
1454	198.63	1109.50	163.31	1453	245.19	-4374.85	5384.16	-541.49	1454	172.51	4715.66	8116.71	186.02	1455	-78.17	14355.05	10972.36	-203.59
					1	91	910	97		2	5	1406	101		3	3	1014	99
					5514.65	27042.00	20658.70	2382.24		8180.84	18993.10	19655.44	642.93		10844.71	31071.844	19390.38	-2678.40

ster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)
2	247.08	106.93	36.00
5	248.68	108.10	36.27
8	250.28	109.28	36.54
11	251.87	110.46	36.81
14	253.45	111.66	37.08
17	255.03	112.86	37.35
20	256.61	114.06	37.62
23	258.18	115.28	37.89
26	259.74	116.50	38.16
29	261.30	117.73	38.43
32	262.85	118.97	38.70
35	264.39	120.21	38.98
38	265.93	121.46	39.25
41	267.47	122.72	39.52
44	269.00	123.99	39.79
47	270.52	125.26	40.06
50	272.03	126.54	40.33
53	273.54	127.83	40.60
56	275.05	129.13	40.87
59	276.54	130.43	41.14
62	278.04	131.74	41.41
65	279.54	133.07	41.68
68	281.03	134.41	41.96
71	282.52	135.75	42.23
74	284.01	137.11	42.50
77	285.48	138.47	42.78
80	286.96	139.83	43.05
83	288.42	141.21	43.33
86	289.88	142.59	43.60
89	291.33	143.98	43.87
92	292.77	145.37	44.15
95	294.21	146.77	44.42
98	294.65	147.04	44.49
101	295.08	147.31	44.56
104	296.51	148.72	44.83
107	297.92	150.14	45.10

Outside Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1	-3780.57	-12320.88	-4847.68	227.45
4	1053.00	-11036.44	-2980.98	177.60
7	-311.78	-8750.42	-2533.34	136.18
10	53.25	-6887.89	-1591.78	109.08
13	-31.93	-5478.51	-870.73	76.68
16	-10.84	-4468.64	-222.47	56.45
19	-8.18	-3764.76	317.59	35.31
22	-9.07	-3327.96	748.22	22.22
25	-4.10	-3081.30	1084.80	10.12
28	-5.17	-2986.92	1329.86	3.11
31	-2.42	-2991.71	1500.98	-2.60
34	-2.98	-3066.52	1606.18	-5.27
37	-1.74	-3178.71	1660.08	-7.03
40	-2.10	-3310.26	1671.33	-7.15
43	-1.75	-3444.41	1650.47	-6.87
46	-2.00	-3573.12	1604.35	-5.86
49	-2.21	-3691.27	1539.42	-4.95
52	-2.32	-3798.18	1460.25	-3.82
55	-2.94	-3896.96	1369.75	-3.22
58	-2.98	-3991.27	1270.87	-2.58
61	-3.60	-4090.93	1163.85	-2.86
64	-3.01	-4192.71	1052.77	-2.42
67	-4.93	-4298.22	940.64	-2.69
70	-3.07	-4407.50	833.02	-2.19
73	-6.77	-4537.46	725.74	-3.90
76	-2.49	-4682.38	628.66	-3.42
79	-9.09	-4863.90	534.08	-6.60
82	-1.37	-5057.77	462.00	-4.72
85	-8.89	-5294.78	399.94	-9.48
88	-11.93	-5517.46	377.48	-3.78
91	43.00	-5770.83	403.63	-10.28
94	-95.75	-5002.18	727.64	-365.57
97	-51.85	-2178.88	1605.91	-423.83
100	-25.58	-544.30	2125.94	-34.04
103	-2.64	-514.45	2307.37	-9.55
106	0.70	-627.87	2412.48	-8.79

Middle Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
2	-2172.29	-5081.37	-2184.46	183.30
5	558.87	-5100.99	-1312.35	164.41
8	-149.38	-5064.86	-1314.66	132.57
11	30.39	-5027.17	-960.75	103.93
14	-6.45	-5006.57	-635.83	78.79
17	-1.73	-4961.75	-282.70	57.42
20	2.37	-4928.74	51.22	39.94
23	-1.57	-4880.74	356.17	26.06
26	1.75	-4837.74	621.54	15.49
29	-0.88	-4786.57	843.05	7.76
32	0.59	-4737.47	1020.02	2.47
35	-0.94	-4684.36	1154.06	-0.89
38	-0.45	-4632.39	1248.63	-2.74
41	-1.31	-4578.95	1307.94	-3.48
44	-1.28	-4526.68	1336.76	-3.45
47	-1.67	-4474.15	1339.76	-2.98
50	-1.89	-4422.77	1321.49	-2.32
53	-1.90	-4372.64	1286.16	-1.70
56	-2.37	-4323.29	1237.65	-1.27
59	-1.99	-4276.15	1179.58	-1.18
62	-2.71	-4229.18	1115.49	-1.52
65	-2.10	-4184.33	1048.11	-1.68
68	-3.78	-4137.71	982.12	-1.77
71	-1.63	-4096.13	920.98	-2.38
74	-5.00	-4050.86	868.27	-3.48
77	-0.62	-4014.09	828.41	-4.90
80	-7.15	-3968.03	805.74	-6.56
83	0.87	-3937.35	805.68	-8.12
86	-8.96	-3886.57	834.99	-9.45
89	-4.45	-3864.41	895.03	-10.01
92	19.59	-3803.36	1014.31	-9.39
95	-82.19	-3684.34	1162.99	13.41
98	117.11	-2890.11	1493.32	-74.57
101	47.27	-2398.27	1651.80	-122.65
104	-9.38	-2256.86	1835.41	-5.53
107	1.40	-2230.71	1977.09	-7.61

Inside Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
3	-565.39	2059.07	449.71	136.25
6	65.16	902.62	378.36	148.77
9	11.43	-1356.58	-88.17	127.65
12	7.10	-3186.58	-335.13	98.10
15	18.74	-4512.96	-394.16	80.61
18	7.41	-5471.67	-347.94	58.50
21	13.10	-6084.37	-212.80	44.85
24	6.23	-6445.04	-39.59	30.34
27	7.98	-6592.78	158.36	21.36
30	3.82	-6594.23	353.48	12.95
33	3.98	-6484.62	538.28	8.05
36	1.48	-6307.74	699.92	3.97
39	1.17	-6088.21	836.21	1.99
42	-0.21	-5851.31	943.17	0.58
45	-0.55	-5610.60	1022.18	0.30
48	-1.12	-5377.33	1074.29	0.17
51	-1.40	-5156.08	1102.82	0.52
54	-1.33	-4947.92	1111.66	0.60
57	-1.69	-4751.37	1104.89	0.82
60	-0.93	-4560.38	1088.39	0.32
63	-1.77	-4369.45	1066.47	-0.12
66	-1.19	-4173.54	1044.15	-0.93
69	-2.66	-3980.23	1022.71	-0.88
72	-0.26	-3779.06	1010.71	-2.57
75	-3.35	-3570.18	1009.13	-3.17
78	1.07	-3334.21	1031.80	-6.59
81	-5.44	-3084.32	1073.97	-6.72
84	2.82	-2794.33	1156.45	-11.87
87	-9.39	-2503.19	1262.96	-9.72
90	2.57	-2169.31	1425.65	-16.80
93	-4.22	-1880.69	1612.08	-8.91
96	-215.45	-2541.69	1501.58	320.56
99	120.56	-3168.23	1459.79	546.55
102	156.16	-3690.06	1355.96	245.87
105	-15.46	-3992.36	1364.97	-0.89
108	2.67	-3849.77	1536.32	-5.81

30-Oct-90

ster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
110	299.33	151.56	45.37	109	3.12	-746.94	2490.13	-11.24	110	1.32	-2214.27	2087.80	-8.96	111	0.06	-3680.77	1685.23	-6.14
113	300.74	152.99	45.65	112	1.11	-883.07	2538.16	-10.78	113	-0.30	-2191.04	2177.64	-9.75	114	-1.21	-3507.54	1814.12	-8.21
116	302.13	154.42	45.92	115	2.67	-1019.94	2566.36	-11.16	116	0.93	-2171.62	2247.25	-10.03	117	-0.38	-3325.60	1927.07	-8.48
119	303.52	155.87	46.19	118	2.04	-1159.22	2575.04	-10.44	119	0.09	-2150.02	2299.51	-9.94	120	-1.49	-3145.60	2022.21	-8.07
122	304.91	157.31	46.47	121	2.01	-1294.06	2569.66	-9.83	122	0.43	-2129.67	2336.89	-9.53	123	-0.84	-2967.89	2103.05	-8.93
125	306.28	158.77	46.74	124	3.79	-1423.05	2553.50	-8.74	125	0.36	-2108.91	2361.87	-8.87	126	-2.81	-2797.47	2169.19	-8.76
128	307.65	160.23	47.01	127	-3.27	-1544.45	2526.25	-7.72	128	-0.34	-2088.43	2376.49	-8.03	129	2.76	-2634.86	2225.81	-8.15
131	309.01	161.70	47.28	130	8.61	-1719.02	2480.75	-6.80	131	1.76	-2067.91	2384.46	-7.19	132	-4.99	-2418.55	2287.53	-7.46
134	312.35	165.36	47.96	133	3.32	-1911.12	2408.23	4.00	134	0.97	-2019.21	2383.51	2.98	135	-1.35	-2127.89	2358.59	2.00
137	315.65	169.06	48.64	136	4.83	-2048.69	2344.09	8.17	137	-0.78	-1972.37	2373.52	6.17	138	-6.41	-1895.54	2403.16	4.12
140	318.91	172.81	49.31	139	3.95	-2092.35	2315.87	12.19	140	-1.32	-1926.74	2373.32	9.81	141	-6.66	-1760.81	2430.96	7.36
143	322.12	176.58	49.99	142	5.0.	-2027.66	2338.24	16.27	143	-1.15	-1882.61	2390.71	14.06	144	-7.36	-1736.67	2443.54	11.76
146	325.28	180.40	50.66	145	6.27	-1838.24	2414.53	20.30	146	-0.67	-1839.06	2423.73	19.08	147	-7.60	-1840.37	2432.82	17.85
149	328.40	184.25	51.34	148	9.04	-1503.17	2538.95	24.50	149	1.36	-1796.76	2458.96	25.00	150	-6.19	-2090.89	2378.73	25.57
152	331.48	188.14	52.01	151	-1.38	-1080.24	2663.62	22.00	152	7.10	-1746.64	2472.61	25.27	153	15.77	-2416.41	2280.31	28.76
155	334.51	192.07	52.69	154	-10.87	-881.89	2663.26	0.72	155	4.71	-1671.81	2430.80	4.95	156	20.50	-2464.31	2197.23	9.47
158	337.49	196.03	53.36	157	-1.88	-1099.23	2470.57	-9.78	158	0.05	-1608.09	2312.78	-8.47	159	2.18	-2118.78	2154.22	-6.99
161	340.00	199.45	53.94	160	9.48	-1423.33	2227.08	-3.65	161	0.64	-1578.72	2169.81	-4.23	162	-8.09	-1735.54	2112.03	-4.76
164	342.48	202.89	54.52	163	3.26	-1619.11	2007.98	1.58	164	-0.32	-1551.54	2018.93	0.20	165	-3.90	-1483.11	2030.15	-1.20
167	344.93	206.36	55.10	166	2.64	-1728.96	1822.90	5.42	167	-1.02	-1525.44	1875.55	3.39	168	-4.73	-1321.61	1928.35	1.31
170	347.34	209.85	55.68	169	1.29	-1778.46	1671.62	7.65	170	-1.14	-1501.37	1748.26	5.47	171	-3.67	-1222.94	1825.40	3.20
173	349.71	213.36	56.25	172	0.39	-1790.82	1552.48	8.95	173	-1.38	-1478.40	1641.76	6.60	174	-3.26	-1164.99	1731.47	4.16
176	352.05	216.90	56.83	175	-0.16	-1783.90	1462.27	9.30	176	-1.37	-1456.84	1558.06	7.01	177	-2.70	-1128.50	1654.37	4.63
179	354.35	220.46	57.41	178	-0.52	-1771.30	1397.58	9.28	179	-1.38	-1436.26	1497.83	6.93	180	-2.38	-1099.90	1598.61	4.48
182	356.62	224.05	57.99	181	-0.77	-1761.37	1356.11	8.87	182	-1.48	-1416.47	1461.32	6.58	183	-2.34	-1070.47	1567.00	4.18
185	358.85	227.66	58.57	184	-0.66	-1757.03	1337.41	8.63	185	-1.39	-1397.56	1448.95	6.19	186	-2.28	-1036.43	1561.15	3.65
188	361.04	231.29	59.14	187	-0.64	-1756.70	1342.53	8.43	188	-1.76	-1378.83	1461.49	6.01	189	-3.05	-1000.01	1580.91	3.48
191	363.20	234.94	59.72	190	0.12	-1752.23	1375.07	8.90	191	-1.24	-1360.92	1500.12	6.29	192	-2.54	-967.47	1626.00	3.58
194	365.32	238.61	60.30	193	-0.72	-1741.28	1436.00	8.66	194	-1.95	-1340.64	1565.89	6.23	195	-3.37	-939.51	1696.11	3.69
197	367.41	242.31	60.88	196	1.29	-1715.98	1529.19	9.91	197	-1.58	-1321.42	1658.80	7.21	198	-4.61	-923.96	1789.48	4.39
200	369.45	246.03	61.45	199	2.36	-1644.13	1662.97	12.64	200	-2.00	-1302.42	1778.17	10.48	201	-6.50	-961.29	1893.38	8.22
203	371.46	249.76	62.03	202	5.43	-1478.93	1848.91	17.03	203	-0.72	-1284.95	1920.63	15.26	204	-6.95	-1087.87	1993.42	13.42
206	373.43	253.52	62.61	205	5.79	-1190.43	2085.20	21.63	206	-0.16	-1264.59	2076.96	21.71	207	-6.08	-1342.10	2067.74	21.80
209	375.36	257.30	63.19	208	12.85	-735.59	2370.11	28.24	209	-0.62	-1246.78	2227.33	29.87	210	-13.83	-1756.17	2084.93	31.58
212	377.26	261.09	63.77	211	7.57	-90.75	2676.65	33.87	212	14.21	-1224.91	2349.49	39.70	213	21.24	-2367.39	2019.40	45.79
215	379.11	264.91	64.34	214	-23.07	393.76	2853.02	-4.10	215	6.97	-1115.58	2414.16	6.40	216	37.40	-2630.25	1973.05	17.24

ter Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
218	380.93	268.74	64.92	217	-5.35	184.97	2731.79	-29.66	218	-4.05	-1008.40	2372.81	-24.59	219	-2.27	-2202.47	2013.13	-19.28
221	382.71	272.59	65.50	220	17.59	-272.69	2455.08	-14.37	221	4.57	-994.26	2229.54	-11.97	222	-8.06	-1708.08	2006.02	-9.40
224	383.49	274.32	65.76	223	4.36	-473.92	2308.62	-11.24	224	0.01	-987.29	2146.68	-9.70	225	-4.10	-1492.81	1986.86	-8.08
227	384.26	276.04	66.02	226	2.25	-565.22	2192.71	-4.31	227	-0.55	-977.13	2060.80	-4.92	228	-3.16	-1394.19	1927.15	-5.43
230	385.03	277.78	66.27	229	4.09	-607.25	2087.54	-1.43	230	0.93	-971.07	1969.23	-0.49	231	-2.06	-1337.83	1849.86	0.53
233	385.79	279.51	66.53	232	-1.80	-606.78	1988.32	4.23	233	-3.93	-966.54	1870.88	3.51	234	-5.89	-1322.14	1754.51	2.84
236	386.54	281.25	66.79	235	-8.17	-646.58	1872.43	53.63	236	23.07	-1000.74	1766.00	18.07	237	44.72	-1173.04	1711.14	-59.95
239	386.75	282.00	66.90	238	-18.20	-1305.31	1625.92	176.26	239	24.49	-1163.64	1672.95	-4.90	240	21.02	-914.56	1738.57	-141.48
242	386.97	282.74	67.00	241	-46.03	-2297.90	1273.84	132.84	242	-39.07	-1396.66	1539.98	-8.11	243	-62.72	-605.01	1764.41	-84.98
245	387.40	283.76	67.15	244	18.02	-2533.39	1166.22	17.12	245	5.26	-1418.90	1491.39	11.47	246	-7.75	-342.99	1805.28	5.73
248	387.82	284.77	67.30	247	-0.47	-2432.69	1142.36	10.83	248	2.43	-1431.71	1439.23	11.42	249	5.04	-404.03	1744.36	11.87
251	388.24	285.79	67.45	250	-1.12	-2356.55	1123.59	13.66	251	-2.49	-1419.06	1401.10	11.22	252	-4.12	-491.73	1675.82	8.68
254	388.67	286.80	67.60	253	1.68	-2269.21	1115.76	11.77	254	1.51	-1420.28	1367.95	10.96	255	1.11	-563.13	1622.84	10.04
257	389.08	287.82	67.75	256	-0.34	-2191.22	1109.66	12.04	257	-0.81	-1414.68	1340.86	10.62	258	-1.49	-639.09	1571.98	9.11
260	389.50	288.84	67.90	259	0.73	-2113.12	1109.98	11.23	260	0.38	-1412.43	1319.17	10.23	261	-0.16	-708.62	1529.50	9.15
263	389.91	289.86	68.05	262	0.28	-2040.11	1113.23	10.85	263	-0.17	-1408.66	1302.28	9.80	264	-0.79	-776.29	1491.78	8.68
266	390.32	290.88	68.20	265	0.05	-1970.23	1120.05	10.25	266	-0.07	-1405.67	1289.71	9.34	267	-0.35	-839.41	1460.04	8.37
269	390.73	291.90	68.35	268	1.84	-1904.47	1130.21	9.73	269	0.58	-1402.46	1281.28	8.87	270	-0.81	-898.98	1432.93	7.95
272	391.13	292.93	68.50	271	-1.51	-1828.73	1144.80	9.56	272	-1.56	-1399.28	1275.00	8.31	273	-1.73	-968.67	1405.67	7.01
275	392.28	295.87	68.93	274	0.00	-1713.85	1176.55	11.78	275	-1.43	-1390.63	1275.40	10.41	276	-2.95	-1066.52	1374.61	9.01
278	393.40	298.82	69.36	277	-1.64	-1591.45	1228.83	10.13	278	-0.71	-1381.75	1295.03	9.18	279	0.15	-1171.63	1361.42	8.21
281	394.50	301.77	69.79	280	-0.37	-1494.62	1286.47	8.87	281	-0.42	-1373.12	1326.35	8.22	282	-0.51	-1251.17	1366.40	7.56
284	395.58	304.74	70.22	283	-0.03	-1416.63	1345.32	7.98	284	-0.35	-1364.46	1364.54	7.60	285	-0.70	-1312.33	1383.77	7.21
287	396.64	307.71	70.65	286	0.61	-1348.46	1404.52	7.55	287	0.36	-1356.07	1405.89	7.36	288	0.11	-1363.46	1407.34	7.17
290	397.67	310.69	71.08	289	0.05	-1289.97	1460.30	6.43	290	0.06	-1344.79	1447.52	6.55	291	0.08	-1400.17	1434.57	6.69
293	398.68	313.68	71.51	292	1.09	-1244.78	1509.70	6.09	293	0.04	-1334.05	1486.11	6.16	294	-0.98	-1422.90	1462.63	6.24
296	399.67	316.68	71.94	295	1.96	-1196.28	1555.36	6.74	296	0.46	-1325.51	1519.41	7.06	297	-1.00	-1455.83	1483.12	7.39
299	400.64	319.68	72.37	298	2.74	-1120.98	1602.18	7.78	299	-0.05	-1317.82	1545.22	8.24	300	-2.79	-1514.29	1488.33	8.72
302	401.58	322.69	72.80	301	2.59	-1015.06	1647.39	8.65	302	3.80	-1309.40	1561.89	9.68	303	5.08	-1605.37	1475.82	10.73
305	402.51	325.71	73.23	304	-4.54	-940.83	1664.87	1.39	305	1.30	-1276.07	1567.80	3.38	306	7.19	-1612.21	1470.36	5.41
308	403.41	328.73	73.66	307	-2.63	-1012.43	1622.32	-3.15	308	-1.83	-1243.31	1554.42	-2.50	309	-0.98	-1473.71	1486.60	-1.85
311	404.28	331.76	74.09	310	3.93	-1158.82	1545.86	-0.56	311	0.71	-1235.76	1522.60	-0.59	312	-2.49	-1313.95	1498.96	-0.62
314	405.13	334.80	74.52	313	1.74	-1259.87	1476.32	1.42	314	-0.12	-1229.46	1485.62	1.11	315	-1.98	-1198.00	1495.24	0.80
317	405.97	337.84	74.95	316	1.37	-1321.99	1421.12	3.19	317	-0.59	-1222.40	1451.25	2.60	318	-2.56	-1123.46	1481.22	2.00
320	406.77	340.89	75.38	319	1.43	-1348.28	1382.78	4.58	320	-0.31	-1216.45	1422.85	3.91	321	-2.09	-1083.42	1463.31	3.22
323	407.56	343.95	75.81	322	0.87	-1344.30	1361.18	5.73	323	-0.75	-1209.80	1402.32	5.08	324	-2.41	-1075.86	1443.34	4.43

ster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
326	408.32	347.01	76.24	325	1.41	-1310.80	1356.74	6.77	326	-0.26	-1204.23	1389.70	6.19	327	-1.96	-1096.44	1423.05	5.60
329	409.06	350.08	76.67	328	1.08	-1250.83	1366.44	7.54	329	-0.31	-1197.84	1383.56	7.28	330	-1.72	-1145.79	1400.40	7.01
332	409.77	353.15	77.10	331	1.78	-1162.31	1388.46	8.46	332	-0.59	-1192.66	1380.31	8.38	333	-2.94	-1221.89	1372.50	8.29
335	410.47	356.23	77.53	334	2.55	-1047.78	1417.15	8.99	335	3.45	-1186.45	1377.38	9.54	336	4.38	-1326.70	1337.10	10.10
338	411.14	359.31	77.96	337	-3.63	-949.08	1431.56	2.87	338	0.87	-1153.05	1373.02	4.55	339	5.39	-1357.31	1314.33	6.25
341	411.78	362.40	78.39	340	-3.07	-964.96	1402.15	-0.58	341	-2.46	-1119.83	1356.89	-0.07	342	-1.82	-1274.30	1311.71	0.44
344	412.41	365.49	78.82	343	3.32	-1048.27	1345.76	1.37	344	0.71	-1114.66	1325.91	1.37	345	-1.87	-1181.94	1305.78	1.37
347	413.01	368.59	79.25	346	1.47	-1098.32	1293.47	2.61	347	0.39	-1110.35	1290.32	2.60	348	-0.69	-1121.86	1287.32	2.60
350	413.58	371.69	79.68	349	0.48	-1125.97	1247.84	2.98	350	-0.19	-1101.57	1255.74	2.86	351	-0.87	-1077.65	1263.50	2.74
353	414.14	374.80	80.11	352	0.35	-1147.96	1205.83	3.21	353	-0.56	-1093.54	1222.69	2.96	354	-1.49	-1038.44	1239.78	2.69
356	414.67	377.91	80.54	355	0.84	-1164.83	1168.93	4.05	356	-0.29	-1089.21	1192.15	3.61	357	-1.45	-1013.83	1215.32	3.17
359	415.17	381.02	80.97	358	0.60	-1167.01	1140.77	4.44	359	-0.26	-1085.46	1165.93	4.09	360	-1.14	-1003.43	1191.27	3.74
362	415.66	384.14	81.40	361	0.40	-1159.15	1120.53	4.81	362	-0.36	-1081.39	1144.67	4.41	363	-1.14	-1003.62	1168.84	4.00
365	416.12	387.26	81.83	364	0.43	-1144.34	1107.11	4.90	365	-0.24	-1077.64	1128.03	4.62	366	-0.93	-1010.70	1149.04	4.33
368	416.56	390.38	82.26	367	0.37	-1124.88	1099.09	5.07	368	-0.33	-1074.14	1115.27	4.78	369	-1.03	-1023.26	1131.50	4.49
371	416.97	393.51	82.69	370	0.69	-1101.77	1095.40	5.04	371	0.28	-1070.76	1105.78	4.90	372	-0.14	-1039.77	1116.17	4.77
374	417.36	396.64	83.12	373	0.05	-1077.53	1093.76	4.52	374	-0.08	-1063.78	1099.06	4.52	375	-0.22	-1049.98	1104.39	4.53
377	417.72	399.78	83.55	376	-0.01	-1061.56	1090.80	4.21	377	-0.41	-1056.93	1093.30	4.18	378	-0.82	-1052.23	1095.82	4.15
380	418.07	402.91	83.98	379	0.61	-1051.89	1086.66	4.38	380	-0.12	-1053.98	1087.04	4.30	381	-0.86	-1056.06	1087.43	4.22
383	418.39	406.05	84.41	382	1.08	-1039.40	1083.46	4.37	383	0.77	-1051.15	1081.06	4.41	384	0.45	-1063.01	1078.63	4.46
386	418.68	409.19	84.84	385	-0.01	-1024.78	1079.99	3.60	386	0.02	-1041.56	1076.18	3.86	387	0.04	-1058.52	1072.31	4.12
389	418.95	412.33	85.27	388	-0.31	-1021.65	1072.56	3.37	389	-0.70	-1032.26	1070.46	3.39	390	-1.10	-1042.53	1068.47	3.42
392	419.20	415.48	85.70	391	0.83	-1029.21	1061.99	3.63	392	0.14	-1029.68	1062.84	3.56	393	-0.55	-1030.48	1063.59	3.50
395	419.43	418.63	86.13	394	0.51	-1032.59	1052.43	3.69	395	-0.04	-1027.17	1055.09	3.67	396	-0.60	-1021.48	1057.83	3.65
398	419.63	421.78	86.56	397	0.43	-1033.71	1044.16	3.84	398	-0.14	-1024.52	1047.95	3.75	399	-0.70	-1015.50	1051.69	3.67
401	419.81	424.93	86.99	400	0.52	-1032.86	1037.28	3.89	401	-0.03	-1022.56	1041.41	3.84	402	-0.59	-1012.10	1045.59	3.78
404	419.96	428.08	87.42	403	0.47	-1030.25	1031.69	3.97	404	-0.05	-1020.57	1035.64	3.90	405	-0.57	-1010.96	1039.58	3.83
407	420.09	431.23	87.85	406	0.46	-1025.93	1027.39	3.95	407	-0.04	-1018.41	1030.70	3.93	408	-0.54	-1010.81	1034.03	3.91
410	420.20	434.38	88.28	409	0.40	-1020.93	1023.92	3.99	410	-0.09	-1016.32	1026.36	3.95	411	-0.59	-1011.71	1028.80	3.91
413	420.28	437.54	88.71	412	0.47	-1015.60	1021.06	3.99	413	-0.02	-1014.74	1022.37	3.98	414	-0.52	-1013.88	1023.59	3.99
416	420.34	440.69	89.14	415	0.47	-1009.61	1018.64	4.01	416	-0.01	-1013.28	1018.60	4.00	417	-0.50	-1016.92	1018.57	4.00
419	420.37	443.85	89.57	418	0.46	-1003.24	1016.35	3.98	419	-0.02	-1011.90	1014.81	4.02	420	-0.49	-1020.64	1013.25	4.05
422	420.39	447.00	90.00	421	0.51	-996.64	1013.86	3.98	422	0.04	-1010.70	1010.71	4.02	423	-0.42	-1024.71	1007.57	4.06
425	420.37	450.15	90.43	424	0.45	-990.29	1010.70	3.91	425	0.00	-1009.52	1006.00	4.00	426	-0.44	-1028.93	1001.25	4.10
428	420.34	453.31	90.86	427	0.52	-984.43	1006.55	3.89	428	0.10	-1008.58	1000.39	3.97	429	-0.32	-1032.63	994.25	4.05
431	420.28	456.46	91.29	430	0.39	-980.01	1000.77	3.77	431	0.01	-1007.59	993.59	3.91	432	-0.37	-1035.46	986.32	4.04

ster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
434	420.20	459.62	91.72	433	0.49	-977.52	993.12	3.70	434	0.15	-1006.93	985.41	3.80	435	-0.19	-1036.13	977.75	3.90
437	420.09	462.77	92.15	436	0.27	-978.63	982.85	3.49	437	-0.01	-1006.10	975.74	3.64	438	-0.29	-1034.01	968.50	3.80
440	419.96	465.92	92.58	439	0.35	-984.11	970.00	3.37	440	0.13	-1005.75	964.66	3.42	441	-0.07	-1026.99	959.45	3.48
443	419.81	469.07	93.01	442	0.22	-996.50	954.00	3.03	443	0.04	-1005.05	952.60	3.13	444	-0.15	-1014.21	951.02	3.23
446	419.63	472.22	93.44	445	-0.62	-1016.66	935.13	2.84	446	-0.50	-1005.05	939.87	2.75	447	-0.39	-992.70	944.83	2.65
449	419.43	475.37	93.87	448	2.70	-1047.74	915.09	2.38	449	2.04	-1004.48	929.07	2.31	450	1.36	-961.85	942.87	2.23
452	419.20	478.52	94.30	451	1.47	-1049.23	905.18	2.77	452	-0.29	-983.80	925.45	3.30	453	-2.06	-918.22	945.79	3.86
455	418.95	481.67	94.73	454	-1.55	-1021.08	907.59	4.66	455	-2.47	-963.18	925.82	4.57	456	-3.40	-904.40	944.34	4.47
458	418.68	484.81	95.16	457	0.39	-1000.45	912.71	4.55	458	0.31	-962.85	925.09	4.39	459	0.22	-925.86	937.29	4.23
461	418.39	487.95	95.59	460	0.22	-983.38	918.41	4.19	461	-0.12	-963.32	925.43	4.21	462	-0.46	-942.64	932.64	4.23
464	418.07	491.09	96.02	463	0.14	-971.07	924.01	4.08	464	-0.13	-963.32	927.36	4.06	465	-0.40	-956.01	930.57	4.03
467	417.72	494.22	96.45	466	0.39	-961.99	929.36	3.83	467	0.07	-963.90	929.79	3.92	468	-0.26	-965.46	930.32	4.01
470	417.36	497.36	96.88	469	0.26	-956.40	933.63	3.76	470	-0.07	-964.23	932.29	3.81	471	-0.40	-972.35	930.86	3.87
473	416.97	500.49	97.31	472	0.44	-953.11	937.06	3.61	473	0.07	-964.95	934.51	3.73	474	-0.29	-976.61	932.02	3.84
476	416.56	503.62	97.74	475	0.35	-952.11	939.25	3.57	476	-0.02	-965.57	936.23	3.66	477	-0.39	-979.24	933.15	3.75
479	416.12	506.74	98.17	478	0.44	-952.63	940.49	3.48	479	0.06	-966.48	937.36	3.61	480	-0.33	-980.24	934.26	3.73
482	415.66	509.86	98.60	481	0.38	-954.69	940.64	3.46	482	0.00	-967.37	937.88	3.56	483	-0.39	-980.17	935.08	3.66
485	415.17	512.98	99.03	484	0.42	-957.95	939.95	3.41	485	0.03	-968.47	937.85	3.52	486	-0.36	-978.95	935.76	3.63
488	414.67	516.09	99.46	487	0.38	-962.52	938.46	3.39	488	-0.01	-969.61	937.40	3.48	489	-0.39	-976.76	936.32	3.56
491	414.14	519.20	99.89	490	0.37	-968.40	936.39	3.34	491	-0.01	-970.91	936.71	3.43	492	-0.39	-973.41	937.04	3.52
494	413.58	522.31	100.32	493	0.34	-975.77	933.94	3.32	494	-0.03	-972.31	936.05	3.38	495	-0.41	-968.83	938.18	3.43
497	413.01	525.41	100.75	496	0.30	-984.77	931.39	3.27	497	-0.07	-973.82	935.75	3.32	498	-0.44	-962.86	940.11	3.36
500	412.41	528.51	101.18	499	0.29	-995.46	929.18	3.26	500	-0.08	-975.47	936.23	3.26	501	-0.45	-955.37	943.31	3.25
503	411.78	531.60	101.61	502	0.23	-1007.91	927.76	3.22	503	-0.15	-977.19	937.99	3.20	504	-0.53	-946.47	948.23	3.18
506	411.14	534.69	102.04	505	0.25	-1021.73	927.91	3.25	506	-0.14	-979.11	941.65	3.16	507	-0.55	-936.27	955.87	3.07
509	410.47	537.77	102.47	508	0.21	-1036.54	930.37	3.25	509	-0.24	-981.04	947.89	3.15	510	-0.70	-925.57	965.42	3.05
512	409.77	540.85	102.90	511	0.16	-1051.04	936.29	3.37	512	-0.28	-983.27	957.40	3.19	513	-0.74	-915.12	978.64	3.01
515	409.06	543.92	103.33	514	0.69	-1063.94	946.93	3.49	515	-0.10	-985.42	971.05	3.31	516	-0.90	-906.95	995.17	3.19
518	408.32	546.99	103.76	517	1.84	-1060.39	967.40	4.35	518	-0.04	-984.97	990.14	4.27	519	-1.93	-909.17	1013.01	4.18
521	407.56	550.05	104.19	520	1.09	-1020.12	1002.90	5.88	521	-0.70	-982.46	1014.24	5.91	522	-2.50	-944.84	1025.59	5.94
524	406.77	553.11	104.62	523	1.06	-948.58	1050.40	6.80	524	-0.01	-983.21	1040.29	7.05	525	-1.07	-1017.75	1030.19	7.30
527	405.97	556.16	105.05	526	1.60	-858.24	1101.99	7.19	527	0.30	-985.91	1064.07	7.88	528	-0.96	-1114.19	1025.92	8.56
530	405.13	559.20	105.48	529	2.25	-745.99	1153.19	7.80	530	0.84	-989.05	1080.98	8.86	531	-0.50	-1232.30	1008.64	9.90
533	404.28	562.24	105.91	532	2.49	-610.06	1197.84	8.20	533	1.06	-991.90	1084.62	9.90	534	-0.25	-1375.26	970.83	11.58
536	403.41	565.27	106.34	535	3.29	-449.54	1228.60	8.68	536	1.97	-995.42	1067.13	10.89	537	0.80	-1541.93	905.33	13.06
539	402.51	568.29	106.77	538	3.10	-269.79	1234.06	8.55	539	2.15	-998.24	1019.25	11.62	540	1.40	-1729.48	803.41	14.54

ter Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
542	401.58	571.31	107.20	541	3.79	-78.81	1201.90	8.23	542	3.43	-1002.02	930.58	11.83	543	3.31	-1926.28	658.70	15.36
545	400.64	574.32	107.63	544	2.67	103.88	1114.33	6.63	545	3.35	-1004.40	790.00	11.17	546	4.32	-2117.06	464.06	15.62
548	399.67	577.32	108.06	547	2.85	254.26	954.34	4.45	548	4.91	-1008.18	586.79	9.21	549	7.29	-2271.71	218.58	13.87
551	398.68	580.32	108.49	550	-0.04	330.29	699.13	0.04	551	4.04	-1009.48	311.93	5.43	552	8.45	-2355.22	-77.41	10.72
554	397.67	583.31	108.92	553	-0.98	285.26	331.48	-5.32	554	5.58	-1012.90	-39.47	-0.71	555	12.45	-2310.94	-410.71	3.78
557	396.64	586.29	109.35	556	-6.42	47.97	-169.67	-14.03	557	3.00	-1012.19	-465.58	-9.83	558	12.67	-2079.27	-763.83	-5.70
560	395.58	589.26	109.78	559	-10.17	-452.61	-810.62	-23.70	560	3.73	-1014.95	-953.95	-22.39	561	17.70	-1573.21	-1096.19	-21.16
563	394.50	592.23	110.21	562	-14.85	-1314.95	-1593.33	-37.63	563	-1.02	-1011.21	-1476.63	-38.85	564	12.65	-713.56	-1361.63	-40.01
566	393.40	595.18	110.64	565	-37.63	-2623.97	-2499.57	-51.57	566	-5.74	-1013.41	-1988.01	-59.25	567	25.56	609.75	-1472.20	-66.81
569	392.28	598.13	111.07	568	17.02	-4477.50	-3454.92	-69.32	569	0.00	-1006.29	-2406.63	-83.19	570	-17.91	2463.74	-1357.70	-96.66
572	391.13	601.07	111.50	571	63.90	-5676.00	-4012.65	-8.11	572	34.55	-750.90	-2542.50	-3.34	573	4.12	4225.26	-1043.63	2.04
575	390.73	602.10	111.65	574	10.95	-5447.09	-3963.95	94.05	575	-25.44	-468.08	-2485.59	93.08	576	-63.04	4576.86	-986.06	92.59
578	390.32	603.12	111.80	577	-15.04	-4714.54	-3728.84	95.03	578	0.26	-443.05	-2451.49	85.66	579	14.34	3802.40	-1180.80	76.77
581	389.91	604.14	111.95	580	2.29	-4000.51	-3457.93	81.75	581	2.92	-454.82	-2406.33	78.40	582	2.58	3120.12	-1344.99	75.40
584	389.50	605.16	112.10	583	-7.02	-3371.77	-3196.97	76.25	584	-2.50	-444.65	-2332.76	71.25	585	1.22	2479.23	-1468.75	66.56
587	389.08	606.18	112.25	586	-1.78	-2790.54	-2926.45	67.45	587	1.43	-446.38	-2239.98	64.34	588	4.00	1909.48	-1549.38	61.47
590	388.67	607.20	112.40	589	-4.46	-2273.90	-2662.11	60.43	590	-1.28	-441.58	-2131.13	57.68	591	1.40	1391.03	-1599.60	55.13
593	388.24	608.21	112.55	592	-2.31	-1807.88	-2399.37	53.69	593	1.10	-441.80	-2009.67	51.34	594	4.15	932.93	-1617.04	49.12
596	387.82	609.23	112.70	595	-2.55	-1400.30	-2145.81	46.19	596	-1.34	-436.29	-1878.46	45.31	597	-0.36	521.43	-1612.77	44.54
599	387.40	610.24	112.85	598	-8.95	-1034.31	-1900.22	42.00	599	-0.74	-440.28	-1742.48	39.64	600	7.31	170.10	-1579.71	37.32
602	386.97	611.26	113.00	601	2.14	-791.16	-1682.23	85.45	602	17.86	-445.43	-1597.12	22.97	603	15.10	-47.99	-1501.98	6.05
605	386.88	611.39	113.02	604	-26.03	-664.84	-1635.34	82.92	605	-5.97	-462.28	-1590.45	24.73	606	-3.16	-254.33	-1549.12	9.32
608	386.11	613.20	113.29	607	6.60	-346.64	-1272.28	27.82	608	2.07	-459.75	-1329.52	27.64	609	-2.38	-576.99	-1388.07	27.44
611	385.33	615.01	113.56	610	-6.60	32.80	-907.00	18.86	611	0.52	-459.17	-1073.75	20.21	612	7.75	-949.28	-1240.12	21.50
614	384.54	616.81	113.83	613	-2.34	298.83	-581.88	12.40	614	0.50	-456.11	-827.56	13.95	615	3.54	-1214.98	-1074.66	15.41
617	383.74	618.61	114.09	616	-1.62	473.00	-302.77	6.52	617	1.43	-455.78	-598.89	8.81	618	4.72	-1385.21	-895.48	10.99
620	382.93	620.41	114.36	619	-1.19	569.44	-68.31	2.36	620	0.93	-454.36	-391.30	4.68	621	3.33	-1481.61	-715.63	6.88
623	382.11	622.20	114.63	622	-0.15	606.37	125.08	-1.10	623	1.45	-454.46	-207.14	1.47	624	3.33	-1517.06	-540.18	3.92
626	381.29	623.98	114.90	625	0.03	596.01	279.83	-3.40	626	1.11	-454.21	-47.26	-0.94	627	2.47	-1507.39	-375.55	1.60
629	380.45	625.77	115.17	628	0.63	551.80	400.64	-5.10	629	1.29	-454.82	88.55	-2.65	630	2.22	-1463.44	-224.43	-0.32
632	379.61	627.55	115.44	631	0.74	483.24	491.10	-6.04	632	1.06	-455.36	201.26	-3.79	633	1.62	-1396.40	-89.57	-1.65
635	378.76	629.32	115.70	634	1.03	399.59	555.75	-6.56	635	1.07	-456.40	292.43	-4.46	636	1.33	-1314.24	28.32	-2.46
638	377.91	631.09	115.97	637	1.06	307.43	598.34	-6.62	638	0.89	-457.48	363.94	-4.74	639	0.91	-1224.31	128.75	-2.96
641	377.04	632.86	116.24	640	1.16	212.55	622.77	-6.42	641	0.93	-458.85	417.86	-4.74	642	0.67	-1131.75	212.32	-3.14
644	376.16	634.63	116.51	643	1.12	118.93	632.32	-5.98	644	0.[illegible]	-460.27	456.34	-4.52	645	0.39	-1040.88	279.79	-3.14
647	375.28	636.39	116.78	646	1.11	29.67	630.06	-5.42	647	0.[illegible]	-461.85	481.50	-4.16	648	0.22	-954.49	332.47	-2.96

30-Oct-90

er Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

ode	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
650	374.39	638.14	117.05	649	1.03	-53.34	618.52	-4.78	650	0.49	-463.47	495.33	-3.71	651	0.06	-874.56	371.74	-2.70
653	373.49	639.89	117.31	652	0.95	-128.98	599.90	-4.12	653	0.40	-465.14	499.70	-3.22	654	-0.06	-802.11	399.17	-2.37
656	372.58	641.64	117.58	655	0.84	-196.91	575.98	-3.47	656	0.33	-466.86	496.31	-2.74	657	-0.11	-737.42	416.39	-2.04
659	371.67	643.38	117.85	658	0.78	-257.39	548.20	-2.89	659	0.25	-468.56	486.68	-2.28	660	-0.24	-680.28	424.95	-1.71
662	370.74	645.12	118.12	661	0.43	-311.14	517.56	-2.36	662	0.19	-470.32	472.15	-1.89	663	0.00	-629.79	426.61	-1.45
665	369.81	646.85	118.39	664	1.24	-359.26	485.36	-1.95	665	0.18	-471.98	453.55	-1.58	666	-0.84	-585.08	422.39	-1.22
668	368.87	648.58	118.66	667	0.81	-389.26	455.65	-0.94	668	0.70	-472.65	433.52	-0.33	669	0.61	-552.83	412.33	0.28
671	368.80	648.72	118.68	670	0.96	-398.92	451.05	-0.64	671	0.29	-470.46	432.36	-0.02	672	-0.36	-538.46	414.71	0.58
674	367.64	650.82	119.00	673	0.30	-405.53	421.45	1.00	674	0.14	-471.71	404.69	1.28	675	0.00	-537.97	387.90	1.55
677	366.48	652.91	119.33	676	0.19	-409.55	390.37	0.97	677	0.09	-473.61	374.45	1.25	678	0.01	-537.93	358.45	1.53
680	365.30	654.99	119.66	679	0.08	-415.91	356.28	0.80	680	0.15	-475.57	341.93	1.04	681	0.24	-535.23	327.57	1.28
683	364.11	657.06	119.98	682	-0.18	-428.66	318.10	0.41	683	0.05	-477.33	307.26	0.63	684	0.29	-526.28	296.32	0.85
686	362.91	659.13	120.31	685	-0.28	-451.53	275.14	-0.11	686	0.13	-479.20	270.78	0.01	687	0.53	-506.69	266.46	0.13
689	361.70	661.19	120.63	688	-0.64	-489.21	226.65	-0.87	689	-0.07	-480.76	233.20	-0.83	690	0.48	-472.59	239.68	-0.78
692	360.47	663.25	120.96	691	-0.84	-545.56	172.84	-1.70	692	-0.01	-482.56	195.73	-1.89	693	0.79	-418.99	218.82	-2.07
695	359.24	665.30	121.29	694	-0.95	-625.65	114.13	-2.82	695	-0.26	-483.87	160.30	-3.17	696	0.38	-342.30	206.44	-3.50
698	357.99	667.34	121.61	697	-2.68	-732.84	51.78	-3.87	698	-0.69	-485.66	129.34	-4.65	699	1.23	-237.21	207.35	-5.40
701	356.73	669.37	121.94	700	2.81	-871.28	-9.02	-5.20	701	0.75	-486.74	107.51	-6.29	702	-1.40	-102.07	224.19	-7.32
704	355.46	671.40	122.26	703	5.52	-934.66	-34.49	1.97	704	-1.00	-473.50	102.25	1.28	705	-7.62	-11.27	239.44	0.67
707	354.17	673.42	122.59	706	-0.12	-845.44	-0.42	10.03	707	-2.39	-460.08	113.42	9.08	708	-4.74	-73.05	227.86	8.18
710	352.88	675.43	122.92	709	-2.05	-707.33	62.48	8.38	710	-0.20	-461.01	134.82	7.69	711	1.57	-214.80	207.19	7.03
713	351.57	677.43	123.24	712	-0.78	-594.10	127.07	6.68	713	-0.26	-462.76	163.91	6.43	714	0.23	-330.57	201.04	6.20
716	350.26	679.43	123.57	715	-0.87	-504.80	188.46	5.41	716	-0.17	-464.13	197.87	5.35	717	0.52	-423.79	207.20	5.28
719	348.93	681.42	123.89	718	-0.32	-434.79	245.59	4.24	719	0.12	-466.11	233.33	4.45	720	0.58	-497.19	221.13	4.65
722	347.59	683.40	124.22	721	-0.23	-381.18	296.62	3.41	722	0.10	-467.95	267.91	3.75	723	0.45	-555.16	239.04	4.06
725	346.24	685.37	124.55	724	0.12	-339.80	341.15	2.72	725	0.29	-470.22	299.69	3.22	726	0.50	-600.76	258.15	3.70
728	344.88	687.34	124.87	727	0.22	-307.75	378.42	2.27	728	0.27	-472.47	327.17	2.86	729	0.38	-637.72	275.71	3.41
731	343.50	689.30	125.20	730	0.43	-281.86	408.32	1.93	731	0.40	-475.02	349.16	2.62	732	0.41	-668.52	289.84	3.27
734	342.12	691.25	125.52	733	0.49	-260.13	430.37	1.73	734	0.39	-477.58	364.66	2.48	735	0.34	-695.64	298.71	3.20
737	340.72	693.19	125.85	736	0.61	-240.86	444.28	1.57	737	0.48	-480.35	372.81	2.40	738	0.41	-720.31	301.13	3.18
740	339.32	695.13	126.18	739	0.60	-223.53	449.36	1.44	740	0.47	-483.10	372.82	2.33	741	0.42	-743.36	296.00	3.17
743	337.90	697.05	126.50	742	0.63	-208.21	444.90	1.29	743	0.56	-485.98	363.94	2.22	744	0.55	-[illegible].31	282.75	3.10
746	336.47	698.97	126.83	745	0.52	-196.33	429.73	1.04	746	0.53	-488.77	345.51	2.02	747	0.62	-76[illegible].71	260.98	2.95
749	335.03	700.88	127.15	748	0.47	-189.99	402.71	0.69	749	0.62	-491.63	316.95	1.68	750	0.84	-793.84	230.95	2.60
752	333.58	702.79	127.48	751	0.21	-192.95	362.27	0.14	752	0.55	-494.27	277.88	1.12	753	0.96	-796.47	193.15	2.06
755	332.12	704.68	127.81	754	0.06	-203.55	307.17	-0.59	755	0.63	-496.96	228.22	0.30	756	1.27	-784.82	149.08	1.15

er Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

de	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
758	330.65	706.57	128.13	757	-0.41	-246.08	235.84	-1.65	758	0.44	-499.24	168.38	-0.84	759	1.35	-753.29	100.60	-0.08
761	329.17	708.44	128.46	760	-0.67	-309.05	147.67	-2.92	761	0.52	-501.60	99.45	-2.37	762	1.74	-694.20	51.17	-1.86
764	327.67	710.31	128.78	763	-1.38	-407.24	41.98	-4.63	764	0.12	-503.30	23.43	-4.34	765	1.63	-600.11	4.64	-4.05
767	326.17	712.17	129.11	--	-1.95	-548.60	-80.05	-6.50	767	0.13	-505.24	-56.46	-6.76	768	2.18	-461.07	-32.59	-7.01
770	324.66	714.02	129.44	76-	-2.15	-743.60	-216.51	-8.92	770	-0.41	-506.17	-135.35	-9.67	771	1.25	-269.10	-54.22	-10.35
773	323.13	715.87	129.76	772	-6.00	-1000.25	-364.09	-11.31	773	-1.26	-507.74	-207.05	-13.02	774	3.33	-12.89	-49.16	-14.63
776	321.60	717.70	130.09	775	5.49	-1327.38	-510.55	-14.21	776	0.96	-507.93	-261.04	-16.75	777	-3.77	312.14	-11.12	-19.11
779	320.05	719.53	130.41	778	12.54	-1491.33	-580.01	2.65	779	-2.19	-483.58	-281.26	0.63	780	-17.11	526.51	18.45	-1.15
782	318.50	721.34	130.74	781	0.41	-1305.96	-514.90	20.79	782	-4.49	-458.72	-265.64	18.46	783	-9.60	391.79	-15.18	16.31
785	316.93	723.15	131.07	784	-5.14	-1001.02	-383.66	16.83	785	-0.57	-458.29	-225.97	15.14	786	3.85	84.55	-68.11	13.56
788	315.35	724.95	131.39	787	-2.16	-756.41	-250.23	12.85	788	-0.58	-459.30	-168.97	12.08	789	0.93	-160.56	-87.18	11.36
791	313.77	726.74	131.72	790	-2.39	-570.30	-125.63	9.71	791	-0.35	-459.75	-101.12	9.35	792	1.66	-349.63	-76.73	9.01
794	312.17	728.52	132.04	793	-1.31	-433.68	-11.92	6.85	794	0.17	-461.32	-29.22	7.01	795	1.67	-488.52	-46.42	7.16
797	310.56	730.29	132.37	796	-1.10	-340.43	87.60	4.68	797	0.14	-462.80	42.15	5.06	798	1.42	-585.84	-3.55	5.41
800	308.94	732.06	132.70	799	-0.48	-282.12	172.74	2.86	800	0.44	-465.09	109.72	3.49	801	1.40	-648.22	46.59	4.08
803	307.32	733.81	133.02	802	-0.29	-252.28	243.25	1.58	803	0.37	-467.51	171.42	2.28	804	1.09	-683.43	99.31	2.92
806	305.68	735.55	133.35	805	0.07	-243.90	300.40	0.59	806	0.49	-470.50	226.13	1.37	807	0.97	-697.49	151.68	2.09
809	304.03	737.29	133.68	808	0.19	-251.54	345.35	-0.02	809	0.42	-473.69	273.44	0.74	810	0.70	-696.46	201.28	1.44
812	302.38	739.01	134.00	811	0.37	-269.99	379.92	-0.41	812	0.43	-477.29	313.46	0.34	813	0.54	-685.03	246.81	1.03
815	300.71	740.73	134.33	814	0.43	-295.2-	405.79	-0.55	815	0.36	-481.12	346.69	0.13	816	0.34	-667.45	287.39	0.76
818	299.03	742.44	134.65	817	0.49	-323.79	-24.75	-0.57	818	0.31	-485.21	373.82	0.07	819	0.18	-647.01	322.73	0.66
821	297.35	744.13	134.98	820	0.54	-352.95	438.42	-0.43	821	0.28	-489.53	395.67	0.13	822	0.06	-626.38	352.80	0.65
824	295.65	745.82	135.31	823	0.51	-380.64	448.24	-0.24	824	0.20	-493.99	413.07	0.28	825	-0.09	-607.70	377.77	0.77
827	293.95	747.50	135.63	826	0.58	-405.13	455.52	0.05	827	0.22	-498.73	426.80	0.50	828	-0.12	-592.40	398.03	0.91
830	292.23	749.16	135.96	829	0.48	-425.48	461.11	0.32	830	0.09	-503.48	437.52	0.76	831	-0.27	-581.86	413.78	1.18
833	290.51	750.82	136.28	832	0.61	-440.53	465.97	0.69	833	0.20	-508.58	445.74	1.06	834	-0.20	-576.52	425.53	1.42
836	288.77	752.47	136.61	835	0.42	-450.25	470.24	0.95	836	0.01	-513.54	451.80	1.37	837	-0.38	-577.37	433.18	1.78
839	287.03	754.11	136.94	838	0.73	-453.71	474.56	1.34	839	0.28	-519.02	455.86	1.70	840	-0.15	-583.97	437.24	2.04
842	285.28	755.74	137.26	841	0.17	-451.84	478.13	1.52	842	-0.15	-524.08	457.78	2.01	843	-0.45	-597.20	437.14	2.48
845	283.52	757.36	137.59	844	1.20	-443.92	481.70	1.80	845	0.54	-529.42	457.76	2.42	846	-0.09	-615.77	433.55	3.01
848	280.57	760.02	138.13	847	1.45	-425.91	482.10	2.91	848	0.59	-538.79	450.81	3.72	849	-0.23	-652.34	419.29	4.51
851	277.60	762.66	138.67	850	1.21	-393.66	475.67	3.02	851	1.04	-548.45	433.34	3.96	852	0.90	-703.10	391.02	4.86
854	274.61	765.27	139.21	853	0.82	-361.25	454.11	2.66	854	1.05	-557.66	401.23	3.88	855	1.33	-755.14	347.99	5.05
857	271.59	767.85	139.75	856	0.79	-340.61	409.71	2.11	857	1.63	-567.38	350.14	3.33	858	2.52	-793.94	290.60	4.50
860	268.55	770.40	140.29	859	-0.88	-352.11	332.64	0.80	860	1.26	-576.03	276.80	2.10	861	3.44	-801.36	220.50	3.35
863	265.48	772.92	140.84	862	-0.71	-419.86	216.82	-0.79	863	1.50	-585.02	180.88	-0.02	864	3.73	-749.51	145.13	0.70

ter Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
866	262.39	775.41	141.38	865	-7.60	-579.30	54.76	-3.42	866	0.08	-592.16	67.40	-3.27	867	7.71	-606.32	79.58	-3.09
869	259.28	777.88	141.92	868	4.33	-863.57	-140.43	-6.01	869	-0.96	-599.67	-49.70	-7.72	870	-6.30	-333.56	41.77	-9.34
872	256.14	780.31	142.46	871	13.70	-1008.22	-267.66	6.00	872	-0.18	-590.50	-137.53	4.44	873	-14.11	-173.99	-7.63	3.04
875	252.98	782.72	143.00	874	-1.35	-750.30	-241.66	-24.74	875	-6.15	-541.33	-175.25	17.02	876	-22.39	-339.77	-114.30	56.25
878	251.48	783.85	143.26	877	-17.32	-214.83	-107.45	-57.80	878	7.10	-241.95	-97.52	5.52	879	-3.34	-216.28	-81.77	67.10
881	249.98	784.97	143.51	880	5.91	-109.48	-93.46	-18.51	881	11.95	-177.30	-94.64	1.04	882	4.82	-161.65	-74.42	27.39
884	247.27	786.96	143.97	883	-1.24	-123.20	-133.73	1.34	884	-0.69	-161.94	-127.19	1.88	885	-0.17	-194.31	-118.64	2.43
887	244.55	788.92	144.43	886	-1.14	-121.80	-168.64	0.83	887	-0.37	-158.95	-160.92	0.28	888	0.38	-200.06	-154.30	-0.22
890	241.81	790.87	144.89	889	-0.46	-129.31	-207.42	-1.38	890	0.40	-159.47	-196.98	-1.59	891	1.22	-188.21	-186.00	-1.75
893	239.05	792.80	145.34	892	-1.31	-153.87	-252.89	-3.11	893	-0.22	-157.67	-234.03	-3.77	894	0.80	-162.13	-215.23	-4.36
896	236.28	794.69	145.80	895	-0.37	-195.17	-303.35	-5.40	896	0.67	-156.25	-271.60	-6.27	897	1.60	-115.58	-239.46	-7.00
899	233.49	796.57	146.26	898	-3.85	-257.45	-360.33	-7.81	899	-1.90	-153.57	-309.94	-9.12	900	-0.12	-50.46	-258.94	-10.19
902	230.69	798.42	146.72	901	4.88	-340.39	-413.03	-15.43	902	4.03	-148.24	-344.04	-11.83	903	3.14	38.90	-270.14	-8.08
905	225.89	801.86	147.52	904	7.48	-419.11	-498.56	-21.59	905	7.04	-138.59	-402.31	-10.91	906	6.17	130.70	-309.06	-0.24
908	221.39	805.68	148.32	907	8.92	-447.78	-551.97	-16.74	908	7.74	-131.11	-451.56	-4.93	909	6.01	172.22	-354.78	6.78
911	217.22	809.87	149.09	910	6.94	-413.30	-569.63	-11.72	911	7.46	-124.09	-482.85	-1.16	912	7.55	153.08	-399.33	9.27
914	213.41	814.38	149.85	913	4.61	-344.20	-556.79	-7.44	914	5.82	-117.36	-492.88	0.59	915	6.72	99.89	-431.58	8.48
917	209.99	819.19	150.57	916	2.09	-265.29	-521.98	-4.67	917	3.92	-111.17	-482.25	0.71	918	5.59	35.51	-444.29	5.76
920	206.97	824.26	151.25	919	0.02	-195.30	-474.13	-3.04	920	2.06	-105.44	-454.56	-0.28	921	4.07	-19.53	-436.11	2.38
923	204.38	829.57	151.89	922	-1.29	-145.20	-420.79	-2.93	923	0.79	-100.42	-414.54	-1.81	924	2.91	-57.44	-408.83	-0.76
926	202.23	835.08	152.47	925	-1.55	-118.74	-366.75	-3.83	926	0.16	-95.83	-366.30	-3.35	927	1.93	-74.19	-356.28	-2.93
929	200.55	840.74	153.01	928	-1.28	-110.09	-312.63	-4.70	929	0.06	-91.31	-312.35	-4.21	930	1.43	-73.08	-312.27	-3.74
932	199.34	846.52	153.48	931	-0.33	-110.18	-256.39	-5.08	932	0.20	-87.29	-253.74	-4.25	933	0.71	-65.64	-251.49	-3.47
935	198.61	852.38	153.90	934	-0.41	-106.70	-195.01	-4.03	935	0.03	-85.27	-191.27	-3.32	936	0.45	-64.22	-187.64	-2.63
938	198.37	858.28	154.25	937	0.54	-97.05	-127.86	1.05	938	1.53	-88.69	-126.23	-0.41	939	2.22	-61.81	-118.95	-3.63
941	198.31	858.78	154.28	940	3.54	-88.03	-118.68	17.28	941	6.84	-94.37	-120.66	1.07	942	3.57	-48.83	-109.02	-10.34
944	198.32	860.78	154.39	943	-6.25	-140.96	-115.11	38.06	944	4.37	-127.30	-108.44	-2.75	945	-3.27	-84.00	-98.32	-27.85
947	198.32	862.78	154.50	946	-10.31	-365.27	-160.33	26.79	947	-7.43	-308.60	-142.73	0.56	948	-10.07	-271.95	-132.77	-21.13
950	198.32	863.78	154.55	949	2.58	-380.51	-148.26	4.45	950	2.17	-337.23	-135.69	3.49	951	1.75	-303.79	-126.06	2.52
953	198.32	864.78	154.61	952	-0.07	-346.47	-125.59	2.29	953	0.45	-340.87	-124.02	2.84	954	0.97	-329.08	-120.59	3.39
956	198.32	865.78	154.66	55	-0.86	-324.54	-105.89	2.53	956	-0.65	-338.09	-110.11	2.25	957	-0.43	-355.08	-115.38	1.96
959	198.32	866.78	154.71	958	0.17	-304.15	-86.32	1.57	959	0.41	-339.02	-96.90	1.72	960	0.67	-372.11	-106.97	1.88
962	198.32	867.78	154.76	961	-0.47	-290.20	-69.69	1.34	962	-0.27	-337.95	-84.21	1.27	963	-0.04	-386.67	-98.85	1.19
965	198.32	868.83	154.82	964	-0.09	-279.08	-53.71	0.82	965	0.08	-337.89	-71.43	0.86	966	0.28	-396.32	-89.07	0.90
968	198.32	869.88	154.87	967	-0.24	-271.99	-40.04	0.53	968	-0.09	-337.34	-59.70	0.51	969	0.09	-402.89	-79.46	0.49
971	198.32	870.93	154.93	970	-0.15	-267.83	-28.21	0.20	971	-0.04	-336.97	-49.00	0.22	972	0.11	-406.14	-69.83	0.24

yster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
974	198.32	871.98	154.98	973	-0.10	-266.25	-18.27	0.01	974	-0.01	-336.60	-39.41	-0.01	975	0.11	-406.83	-60.55	-0.03
977	198.32	873.03	155.04	976	-0.16	-266.90	-10.14	-0.23	977	-0.09	-336.07	-30.91	-0.20	978	0.01	-405.61	-51.83	-0.16
980	198.32	874.08	155.09	979	-0.10	-268.82	-3.45	-0.28	980	-0.05	-335.89	-23.58	-0.34	981	0.02	-402.39	-43.58	-0.40
983	198.32	875.13	155.15	982	0.37	-272.59	1.75	-0.54	983	0.41	-335.10	-17.01	-0.45	984	0.48	-398.54	-36.07	-0.35
986	198.32	876.18	155.20	985	-0.03	-271.12	7.27	-0.97	986	-0.05	-329.36	-10.21	-0.52	987	-0.03	-387.64	-27.74	-0.08
989	198.32	877.23	155.25	988	-0.55	-270.19	11.66	-0.65	989	-0.44	-323.63	-4.33	-0.56	990	-0.31	-376.18	-20.08	-0.46
992	198.32	878.28	155.31	991	0.01	-277.28	13.20	-0.89	992	-0.06	-322.64	-0.41	-0.57	993	-0.10	-369.0	-14.36	-0.66
995	198.32	880.55	155.42	994	-0.10	-286.28	15.56	-0.55	995	-0.04	-322.15	4.83	-0.54	996	0.03	-357.5	-5.88	-0.54
998	198.32	882.81	155.53	997	0.04	-296.05	15.06	-0.46	998	-0.06	-321.20	7.50	-0.47	999	-0.15	-346.44	-0.09	-0.48
1001	198.32	885.08	155.64	1000	0.06	-304.07	13.20	-0.38	1001	-0.01	-320.33	8.32	-0.38	1002	-0.08	-336.54	3.45	-0.38
1004	198.32	887.34	155.75	1003	0.05	-310.22	10.71	-0.28	1004	-0.03	-319.41	7.95	-0.28	1005	-0.10	-328.64	5.17	-0.29
1007	198.32	889.61	155.86	1006	0.07	-314.45	8.14	-0.20	1007	0.00	-318.53	6.91	-0.20	1008	-0.06	-322.58	5.69	-0.20
1010	198.32	891.88	155.97	1009	0.05	-317.06	5.75	-0.12	1010	-0.01	-317.62	5.57	-0.13	1011	-0.06	-318.21	5.39	-0.13
1013	198.32	894.14	156.08	1012	0.05	-318.29	3.74	-0.07	1013	0.01	-316.74	4.20	-0.07	1014	-0.03	-315.17	4.67	-0.07
1016	198.32	896.41	156.19	1015	0.03	-318.53	2.14	-0.03	1016	0.00	-315.85	2.94	-0.03	1017	-0.03	-313.18	3.74	-0.03
1019	198.32	898.67	156.29	1018	0.03	-318.02	0.97	0.00	1019	0.01	-314.96	1.89	0.00	1020	-0.01	-311.90	2.81	0.00
1022	198.32	900.94	156.40	1021	0.01	-317.05	0.17	0.01	1022	0.00	-314.07	1.06	0.01	1023	-0.01	-310.11	1.95	0.01
1025	198.32	903.20	156.50	1024	0.01	-315.80	-0.33	0.02	1025	0.01	-313.19	0.45	0.02	1026	0.00	-310.58	1.24	0.02
1028	198.32	905.47	156.61	1027	0.00	-314.43	-0.60	0.03	1028	0.00	-312.30	0.03	0.02	1029	0.00	-310.18	0.67	0.02
1031	198.32	907.73	156.71	1030	0.00	-313.04	-0.71	0.02	1031	0.00	-311.42	-0.23	0.02	1032	0.01	-309.80	0.26	0.02
1034	198.32	910.00	156.81	1033	0.00	-311.69	-0.72	0.02	1034	0.00	-310.53	-0.37	0.02	1035	0.00	-309.37	-0.02	0.02
1037	198.32	912.27	156.91	1036	0.00	-310.43	-0.66	0.02	1037	0.00	-309.65	-0.42	0.02	1038	0.01	-308.86	-0.18	0.02
1040	198.32	914.53	157.01	1039	0.00	-309.27	-0.57	0.01	1040	0.00	-308.76	-0.42	0.01	1041	0.00	-308.25	-0.27	0.01
1043	198.32	916.80	157.11	1042	0.00	-308.21	-0.48	0.01	1043	0.00	-307.87	-0.38	0.01	1044	0.00	-307.54	-0.28	0.01
1046	198.32	919.06	157.21	1045	0.00	-307.23	-0.39	0.00	1046	0.00	-306.99	-0.32	0.00	1047	0.00	-306.[illegible]	-0.24	0.00
1049	198.32	921.33	157.31	1048	0.00	-306.33	-0.30	0.00	1049	0.00	-306.10	-0.23	0.00	1050	0.00	-305.87	-0.16	0.00
1052	198.32	923.59	157.41	1051	0.00	-305.49	-0.22	0.00	1052	0.00	-305.21	-0.14	0.00	1053	0.00	-304.94	-0.05	0.00
1055	198.32	925.86	157.50	1054	0.00	-304.68	-0.12	0.00	1055	0.00	-304.33	-0.02	0.00	1056	0.00	-303.97	0.09	0.00
1058	198.32	928.13	157.60	1057	0.00	-303.87	0.00	0.00	1058	0.00	-303.44	0.13	0.00	1059	0.00	-303.01	0.26	0.00
1061	198.32	930.39	157.69	1060	0.00	-303.03	0.16	0.00	1061	0.00	-302.55	0.30	0.00	1062	0.00	-302.08	0.44	0.00
1064	198.32	932.66	157.79	1063	0.01	-302.11	0.38	0.00	1064	0.00	-301.67	0.51	0.00	1065	0.00	-301.22	0.65	0.00
1067	198.32	934.92	157.88	1066	0.01	-301.06	0.67	0.01	1067	0.00	-300.78	0.76	0.01	1068	-0.01	-300.48	0.84	0.01
1070	198.32	937.19	157.97	1069	0.01	-299.83	1.04	0.02	1070	0.00	-299.89	1.02	0.02	1071	-0.01	-299.95	1.01	0.02
1073	198.32	939.45	158.06	1072	0.01	-298.36	1.48	0.03	1073	0.00	-299.01	1.29	0.03	1074	-0.01	-299.66	1.09	0.03
1076	198.32	941.72	158.16	1075	0.01	-296.57	1.97	0.05	1076	0.00	-298.12	1.50	0.05	1077	-0.02	-299.67	1.04	0.05
1079	198.32	943.98	158.25	1078	0.00	-294.43	2.45	0.07	1079	-0.01	-297.24	1.60	0.07	1080	-0.02	-300.05	0.76	0.07

ster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1. Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1082	198.32	946.25	158.34	1081	0.01	-292.00	2.81	0.09	1082	-0.01	-296.38	1.49	0.09	1083	-0.02	-300.76	0.18	0.09
1085	198.32	948.25	158.41	1084	0.00	-289.42	2.99	0.10	1085	-0.01	-295.57	1.14	0.10	1086	-0.01	-301.73	-0.70	0.10
1088	198.32	950.25	158.49	1087	-0.01	-286.71	2.86	0.11	1088	-0.01	-294.79	0.44	0.11	1089	-0.01	-302.88	-1.99	0.11
1091	198.32	952.25	158.57	1090	-0.01	-283.95	2.29	0.11	1091	-0.01	-294.01	-0.73	0.11	1092	0.00	-304.08	-3.75	0.11
1094	198.32	954.25	158.65	1093	-0.06	-281.36	1.07	0.09	1094	-0.03	-293.23	-2.49	0.09	1095	0.00	-305.11	-6.05	0.09
1097	198.32	956.25	158.72	1096	-0.02	-279.42	-1.01	0.06	1097	-0.01	-292.56	-4.96	0.05	1098	0.01	-305.66	-8.90	0.05
1100	198.32	957.20	158.76	1099	-0.05	-278.42	-2.27	0.02	1100	-0.02	-292.06	-6.36	0.03	1101	0.00	-305.73	-10.47	0.03
1103	198.32	958.16	158.79	1102	0.00	-277.96	-3.82	0.00	1103	0.01	-291.71	-7.95	-0.01	1104	0.03	-305.41	-12.08	-0.01
1106	198.32	959.11	158.83	1105	-0.07	-277.90	-5.71	-0.06	1106	-0.05	-291.29	-9.74	-0.05	1107	-0.02	-304.81	-13.81	-0.04
1109	198.32	960.06	158.87	1108	0.05	-278.12	-7.80	-0.08	1109	0.07	-291.01	-11.68	-0.10	1110	0.10	-303.65	-15.49	-0.12
1112	198.32	961.01	158.90	1111	-0.19	-279.14	-10.41	-0.21	1112	-0.16	-290.44	-13.81	-0.16	1113	-0.13	-302.29	-17.39	-0.12
1115	198.32	961.97	158.94	1114	0.23	-280.14	-12.96	-0.14	1115	0.28	-290.48	-16.08	-0.23	1116	0.33	-299.70	-18.87	-0.33
1118	198.32	962.92	158.97	1117	-0.48	-283.08	-16.56	-0.50	1118	-0.47	-289.26	-18.45	-0.32	1119	-0.46	-297.70	-21.02	-0.13
1121	198.32	963.87	159.01	1120	0.33	-284.37	-19.31	-0.04	1121	0.50	-290.52	-21.15	-0.41	1122	0.68	-292.40	-21.71	-0.78
1124	198.32	964.82	159.04	1123	1.03	-291.00	-23.75	-1.21	1124	0.64	-287.24	-22.78	-0.52	1125	0.26	-290.82	-24.02	0.17
1127	198.32	965.78	159.08	1126	-8.56	-323.91	-39.17	-12.63	1127	-7.44	-258.73	-19.32	-0.64	1128	-6.34	-313.77	-35.53	10.78
1130	198.32	965.88	159.08	1129	3.98	-357.57	-45.78	-18.03	1130	-3.80	-253.46	-16.95	-2.41	1131	-13.95	-154.49	9.70	8.52
1133	198.32	966.25	159.10	1132	11.53	-376.88	-50.20	-5.23	1133	0.28	-269.74	-21.53	-7.43	1134	-9.85	-63.51	37.34	-3.59
1136	198.32	966.63	159.11	1135	5.82	-388.23	-55.92	6.75	1136	15.58	-257.90	-13.98	-4.64	1137	31.25	-128.80	29.39	-9.43
1139	198.32	966.73	159.11	1138	-3.20	-369.48	-53.13	7.21	1139	-3.02	-262.70	-21.11	1.39	1140	-2.87	-250.10	-17.31	-4.45
1142	198.32	967.73	159.15	1141	-0.16	-338.01	-43.34	1.85	1142	-0.29	-294.24	-27.32	1.25	1143	-0.44	-237.28	-13.32	0.65
1145	198.32	968.73	159.19	1144	0.56	-323.91	-38.72	0.79	1145	0.70	-286.53	-27.54	1.11	1146	0.82	-245.27	-15.17	1.44
1148	198.32	969.73	159.22	1147	-0.52	-315.21	-35.71	1.14	1148	-0.47	-284.67	-26.60	0.98	1149	-0.43	-256.16	-18.08	0.81
1151	198.32	970.73	159.26	1150	0.23	-305.51	-31.43	0.76	1151	0.30	-285.06	-25.33	0.84	1152	0.36	-263.53	-18.90	0.93
1154	198.32	971.73	159.30	1153	-0.22	-298.20	-27.92	0.75	1154	-0.16	-284.26	-23.77	0.72	1155	-0.11	-270.91	-19.80	0.6.
1157	198.32	972.73	159.33	1156	0.06	-291.34	-24.14	0.59	1157	0.12	-284.12	-22.00	0.60	1158	0.18	-276.49	-19.74	0.62
1160	198.32	973.73	159.37	1159	-0.16	-285.98	-20.85	0.48	1160	-0.11	-283.53	-20.14	0.50	1161	-0.07	-281.50	-19.56	0.51
1163	198.32	974.73	159.40	1162	0.09	-281.11	-17.54	0.44	1163	0.14	-283.40	-18.25	0.40	1164	0.20	-285.08	-18.77	0.36
1166	198.32	975.72	159.44	1165	-0.18	-277.76	-14.87	0.23	1166	-0.19	-282.59	-16.36	0.31	1167	-0.19	-288.48	-18.16	0.40
1169	198.32	976.73	159.47	1168	0.01	-274.09	-12.03	0.18	1169	0.11	-282.20	-14.46	0.23	1170	0.22	-290.93	-17.09	0.29
1172	198.32	978.93	159.55	1171	-0.09	-270.75	-7.83	0.05	1172	-0.04	-281.50	-11.06	0.09	1173	0.02	-292.74	-14.44	0.13
1175	198.32	981.13	159.63	1174	-0.37	-268.73	-4.86	0.04	1175	-0.28	-280.91	-8.51	-0.02	1176	-0.19	-292.50	-11.98	-0.07
1178	198.32	983.33	159.71	1177	1.34	-269.25	-2.89	-0.16	1178	1.39	-279.73	-6.03	-0.09	1179	1.45	-290.88	-9.38	-0.03
1181	198.32	985.53	159.78	1180	-0.02	-257.13	1.18	-0.74	1181	-0.01	-265.46	-1.31	-0.17	1182	0.00	-273.79	-3.81	0.41
1184	198.32	987.73	159.86	1183	-1.39	-245.35	4.58	-0.19	1184	-1.42	-251.18	2.83	-0.12	1185	-1.45	-256.35	1.27	-0.06
1187	198.32	989.94	159.93	1186	0.29	-247.02	4.48	-0.04	1187	0.26	-250.00	3.59	-0.09	1188	0.23	-253.58	2.51	-0.14

er Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

ode	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1190	198.32	992.14	160.01	1189	0.04	-247.34	3.99	-0.09	1190	0.01	-249.40	3.36	-0.05	1191	-0.02	-250.99	2.88	-0.01
1193	198.32	994.34	160.08	1192	-0.04	-247.36	3.50	0.02	1193	-0.07	-248.33	3.21	-0.01	1194	-0.10	-249.66	2.81	-0.05
1196	198.32	996.54	160.16	1195	0.09	-246.29	3.34	0.00	1196	0.06	-247.63	2.94	0.02	1197	0.04	-248.69	2.62	0.04
1199	198.32	998.74	160.23	1198	-0.03	-244.84	3.13	0.07	1199	-0.06	-246.65	2.59	0.05	1200	-0.08	-248.67	1.98	0.03
1202	198.32	1000.94	160.30	1201	0.06	-242.59	3.10	0.06	1202	0.04	-245.88	2.11	0.08	1203	0.02	-249.02	1.17	0.09
1205	198.32	1003.15	160.37	1204	-0.03	-240.03	2.89	0.11	1205	-0.04	-244.95	1.41	0.10	1206	-0.05	-250.00	-0.11	0.09
1208	198.32	1005.35	160.45	1207	0.03	-237.05	2.49	0.10	1208	0.02	-244.15	0.37	0.11	1209	0.01	-251.16	-1.74	0.12
1211	198.32	1007.55	160.52	1210	-0.08	-234.11	1.55	0.11	1211	-0.05	-243.25	-1.18	0.10	1212	-0.02	-252.46	-3.94	0.10
1214	198.32	1009.75	160.59	1213	0.01	-231.73	-0.15	0.09	1214	0.02	-242.51	-3.38	0.08	1215	0.03	-253.36	-6.65	0.07
1217	198.32	1010.70	160.62	1216	-0.08	-230.38	-1.06	0.07	1217	-0.05	-241.98	-4.54	0.06	1218	-0.02	-253.75	-8.08	0.05
1220	198.32	1011.66	160.65	1219	0.02	-229.53	-2.21	0.03	1220	0.03	-241.68	-5.86	0.03	1221	0.04	-253.71	-9.49	0.04
1223	198.32	1012.61	160.68	1222	-0.06	-229.08	-3.69	0.00	1223	-0.05	-241.24	-7.35	0.00	1224	-0.03	-253.55	-11.05	0.01
1226	198.32	1013.56	160.71	1225	0.04	-228.78	-5.32	-0.02	1226	0.06	-240.96	-8.98	-0.04	1227	0.09	-252.92	-12.58	-0.05
1229	198.32	1014.51	160.74	1228	-0.16	-229.13	-7.39	-0.12	1229	-0.14	-240.41	-10.79	-0.08	1230	-0.11	-252.17	-14.33	-0.05
1232	198.32	1015.47	160.77	1231	0.20	-229.43	-9.43	-0.07	1232	0.23	-240.39	-12.73	-0.14	1233	0.27	-250.42	-15.76	-0.22
1235	198.32	1016.42	160.80	1234	-0.39	-231.32	-12.37	-0.36	1235	-0.39	-239.32	-14.79	-0.21	1236	-0.38	-249.19	-17.78	-0.05
1238	198.32	1017.37	160.83	1237	0.25	-231.81	-14.63	0.02	1238	0.39	-240.29	-17.17	-0.28	1239	0.54	-245.24	-18.64	-0.59
1241	198.32	1018.32	160.86	1240	0.96	-236.71	-18.29	-0.94	1241	0.62	-237.53	-18.67	-0.37	1242	0.28	-244.38	-20.87	0.20
1244	198.32	1019.28	160.89	1243	-7.51	-264.03	-31.49	-10.33	1244	-6.51	-213.43	-16.04	-0.47	1245	-5.51	-264.08	-30.96	9.41
1247	198.32	1019.38	160.89	1246	3.11	-293.12	-37.28	-15.84	1247	-4.81	-209.04	-14.49	-2.61	1248	-15.42	-129.52	6.19	6.93
1250	198.32	1019.75	160.90	1249	9.48	-311.74	-41.82	-6.24	1250	0.17	-222.83	-18.01	-7.44	1251	-8.18	-52.32	30.66	-3.59
1253	198.32	1020.13	160.91	1252	4.94	-323.84	-47.42	4.54	1253	14.56	-213.48	-11.51	-4.47	1254	29.79	-103.79	25.91	-7.85
1256	198.32	1020.23	160.92	1255	-2.17	-329.80	-45.48	5.50	1256	-2.11	-217.39	-17.80	1.20	1257	-2.07	-200.26	-12.67	-3.11
1259	198.32	1021.23	160.95	1258	-0.24	-284.13	-37.93	1.57	1259	-0.32	-234.50	-23.12	1.08	1260	-0.42	-190.48	-9.98	0.59
1262	198.32	1022.23	160.98	1261	0.48	-272.00	-34.10	0.70	1262	0.59	-236.31	-23.42	0.96	1263	0.69	-197.46	-11.78	1.23
1265	198.32	1023.23	161.01	1264	-0.43	-264.33	-31.58	0.98	1265	-0.38	-234.72	-22.74	0.85	1266	-0.34	-206.76	-14.38	0.71
1268	198.32	1024.23	161.04	1267	0.18	-255.91	-27.97	0.66	1268	0.24	-234.96	-21.72	0.73	1269	0.29	-213.16	-15.20	0.80
1271	198.32	1025.23	161.07	1270	-0.17	-249.45	-24.93	0.66	1271	-0.11	-234.26	-20.40	0.63	1272	-0.07	-219.48	-16.00	0.59
1274	198.32	1026.23	161.10	1273	0.02	-243.48	-21.66	0.51	1274	0.07	-234.03	-18.86	0.53	1275	0.12	-224.36	-15.98	0.55
1277	198.32	1027.23	161.13	1276	-0.07	-238.64	-18.68	0.44	1277	-0.03	-233.56	-17.19	0.44	1278	0.01	-228.60	-15.72	0.43
1280	198.32	1028.23	161.16	1279	-0.04	-234.48	-15.80	0.35	1280	0.02	-233.22	-15.44	0.35	1281	0.07	-231.89	-15.06	0.36
1283	198.32	1029.23	161.19	1282	0.02	-231.11	-13.13	0.28	1283	0.01	-232.80	-13.67	0.28	1284	-0.01	-234.53	-14.22	0.28
1286	198.32	1030.23	161.22	1285	-0.10	-227.70	-10.52	0.21	1286	-0.01	-232.28	-11.89	0.22	1287	0.08	-236.87	-13.26	0.22
1289	198.32	1032.65	161.29	1288	-0.04	-224.23	-5.83	0.09	1289	0.00	-231.48	-8.01	0.09	1290	0.04	-238.74	-10.20	0.09
1292	198.32	1035.08	161.36	1291	-0.08	-221.90	-2.15	0.02	1292	-0.02	-230.54	-4.73	0.02	1293	0.05	-239.16	-7.31	0.01
1295	198.32	1037.51	161.44	1294	-0.03	-220.95	0.42	-0.03	1295	-0.02	-229.58	-2.17	-0.03	1296	0.01	-238.23	-4.77	-0.02

ter Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1. Accident Condition)

ode	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1298	198.32	1039.94	161.51	1297	-0.03	-220.65	2.04	-0.04	1298	-0.03	-228.64	-0.35	-0.04	1299	-0.02	-236.61	-2.75	-0.04
1301	198.32	1042.36	161.58	1300	0.06	-220.51	2.97	-0.04	1301	0.05	-227.67	0.82	-0.04	1302	0.05	-234.86	-1.34	-0.03
1304	198.32	1044.79	161.65	1303	0.01	-219.56	3.49	-0.05	1304	-0.01	-226.10	1.53	-0.02	1305	-0.03	-232.65	-0.44	0.00
1307	198.32	1047.22	161.72	1306	-0.06	-218.22	3.58	0.00	1307	-0.08	-224.53	1.65	0.00	1308	-0.10	-230.82	-0.20	0.00
1310	198.32	1049.65	161.78	1309	0.02	-217.11	3.11	0.02	1310	0.01	-223.57	1.17	0.02	1311	0.00	-230.06	-0.78	0.02
1313	198.32	1052.07	161.85	1312	-0.04	-215.69	2.15	0.02	1313	-0.03	-222.63	0.07	0.03	1314	-0.03	-229.55	-2.00	0.03
1316	198.32	1054.50	161.92	1315	-0.01	-214.45	0.56	0.02	1316	-0.01	-221.83	-1.65	0.02	1317	0.00	-229.15	-3.85	0.02
1319	198.32	1055.47	161.95	1318	-0.02	-213.76	-0.19	0.00	1319	-0.02	-221.30	-2.45	0.01	1320	0.00	-228.81	-4.71	0.01
1322	198.32	1056.43	161.97	1321	0.00	-213.40	-1.12	0.00	1322	0.01	-220.92	-3.38	-0.01	1323	0.02	-228.42	-5.64	-0.01
1325	198.32	1057.40	162.00	1324	-0.04	-213.21	-2.23	-0.04	1325	-0.03	-220.51	-4.42	-0.03	1326	-0.02	-227.91	-6.65	-0.02
1328	198.32	1058.36	162.03	1327	0.04	-213.12	-3.42	-0.03	1328	0.05	-220.21	-5.56	-0.05	1329	0.07	-227.10	-7.63	-0.07
1331	198.32	1059.33	162.05	1330	-0.13	-213.50	-4.93	-0.11	1331	-0.12	-219.67	-6.79	-0.08	1332	-0.10	-226.27	-8.78	-0.05
1334	198.32	1060.29	162.08	1333	0.18	-213.71	-6.33	-0.05	1334	0.21	-219.61	-8.10	-0.12	1335	0.24	-224.67	-9.63	-0.19
1337	198.32	1061.26	162.11	1336	-0.32	-215.22	-8.43	-0.30	1337	-0.33	-218.60	-9.47	-0.16	1338	-0.34	-223.66	-11.01	-0.02
1340	198.32	1062.22	162.13	1339	0.17	-215.34	-9.87	0.06	1340	0.30	-219.42	-11.08	-0.21	1341	0.44	-220.39	-11.36	-0.48
1343	198.32	1063.19	162.16	1342	1.10	-219.14	-12.33	-0.76	1343	0.74	-216.97	-11.81	-0.27	1344	0.37	-219.98	-12.85	0.24
1346	198.32	1064.15	162.19	1345	-7.50	-244.05	-23.99	-9.98	1346	-6.44	-194.63	-8.87	-0.33	1347	-5.39	-238.57	-21.74	9.34
1349	198.32	1064.25	162.19	1348	3.59	-265.01	-27.11	-15.26	1349	-7.90	-195.65	-9.79	-3.55	1350	-26.72	-114.23	9.03	5.71
1352	198.32	1064.50	162.19	1351	14.34	-271.82	-26.30	-5.56	1352	7.90	-214.40	-11.06	-7.55	1353	-0.36	-44.66	37.40	-4.04
1355	198.32	1064.75	162.20	1354	3.08	-281.85	-32.96	4.19	1355	14.24	-200.81	-5.36	-3.74	1356	34.18	-98.11	31.38	-7.06
1358	198.32	1064.85	162.20	1357	-1.76	-272.73	-31.78	4.66	1358	-1.81	-198.75	-9.63	0.85	1359	-1.87	-194.54	-8.40	-2.96
1361	198.32	1065.85	162.23	1360	-0.33	-250.72	-25.24	1.24	1361	-0.36	-214.56	-14.44	0.78	1362	-0.40	-183.71	-5.22	0.31
1364	198.32	1066.85	162.26	1363	0.50	-241.32	-22.17	0.46	1364	0.57	-216.25	-14.67	0.70	1365	0.62	-188.20	-6.26	0.95
1367	198.32	1067.85	162.28	1366	-0.40	-235.80	-20.41	0.75	1367	-0.37	-214.73	-14.12	0.63	1368	-0.35	-195.22	-8.28	0.51
1370	198.32	1068.85	162.31	1369	0.20	-229.21	-17.59	0.50	1370	0.24	-214.94	-13.33	0.56	1371	0.27	-199.83	-8.81	0.62
1373	198.32	1069.85	162.34	1372	-0.17	-224.17	-15.31	0.52	1373	-0.13	-214.22	-12.35	0.50	1374	-0.11	-204.75	-9.52	0.47
1376	198.32	1070.85	162.36	1375	0.08	-219.17	-12.73	0.44	1376	0.11	-214.05	-11.21	0.44	1377	0.14	-208.54	-9.57	0.44
1379	198.32	1071.85	162.39	1378	-0.14	-215.12	-10.49	0.36	1379	-0.12	-213.45	-10.01	0.38	1380	-0.10	-212.23	-9.65	0.41
1382	198.32	1072.85	162.42	1381	0.11	-211.05	-8.09	0.39	1382	0.15	-213.36	-8.79	0.34	1383	0.19	-214.94	-9.27	0.29
1385	198.32	1073.85	162.44	1384	-0.10	-208.17	-6.21	0.19	1385	-0.13	-212.48	-7.53	0.30	1386	-0.16	-218.03	-9.22	0.40
1388	198.32	1074.85	162.47	1387	-0.28	-204.28	-4.08	0.19	1388	-0.22	-212.08	-6.41	0.26	1389	-0.16	-220.71	-9.00	0.33
1391	198.32	1077.07	162.53	1390	0.99	-199.47	-0.46	0.15	1391	0.98	-211.43	-4.06	0.20	1392	0.97	-223.86	-7.80	0.25
1394	198.32	1079.28	162.59	1393	-0.05	-185.24	4.42	-0.24	1394	-0.03	-201.28	-0.39	0.16	1395	-0.01	-217.34	-5.20	0.56
1397	198.32	1081.50	162.64	1396	-0.98	-171.17	8.15	0.14	1397	-1.01	-191.13	2.16	0.19	1398	-1.03	-210.65	-3.70	0.24
1400	198.32	1083.71	162.70	1399	0.16	-166.44	8.32	0.25	1400	0.15	-190.06	1.24	0.21	1401	0.14	-214.10	-5.98	0.17
1403	198.32	1085.93	162.76	1402	-0.05	-161.15	6.58	0.18	1403	-0.04	-189.38	-1.87	0.21	1404	-0.01	-217.29	-10.25	0.24

yster Creek Drywell with Sand - Unit Load Case No. 2 (Gravity - 1, Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1406	198.32	1088.14	162.81	1405	-0.16	-156.77	2.64	0.18	1406	-0.10	-188.38	-6.83	0.16	1407	-0.02	-220.25	-16.39	0.14
1409	198.32	1090.36	162.87	1408	-0.12	-153.87	-3.95	0.03	1409	-0.01	-187.62	-14.06	0.05	1410	0.11	-221.21	-24.14	0.07
1412	198.32	1092.57	162.92	1411	-0.35	-154.57	-14.07	-0.14	1412	-0.09	-186.67	-23.66	-0.16	1413	0.19	-218.92	-33.32	-0.17
1415	198.32	1094.79	162.98	1414	-0.17	-160.74	-27.99	-0.49	1415	-0.03	-185.85	-35.55	-0.48	1416	0.13	-210.87	-43.10	-0.48
1418	198.32	1097.00	163.03	1417	-0.39	-171.81	-45.31	-0.97	1418	-0.05	-185.10	-49.29	-0.96	1419	0.30	-198.22	-53.22	-0.96
1421	198.32	1098.00	163.06	1420	0.07	-183.71	-55.40	-1.25	1421	0.03	-184.57	-55.79	-1.23	1422	-0.01	-185.24	-56.12	-1.21
1424	198.32	1099.00	163.08	1423	-0.21	-196.39	-65.94	-1.51	1424	0.00	-184.11	-62.33	-1.53	1425	0.20	-171.88	-58.73	-1.55
1427	198.32	1100.00	163.11	1426	-0.16	-211.91	-77.06	-1.87	1427	0.00	-183.71	-68.71	-1.86	1428	0.15	-155.54	-60.35	-1.85
1430	198.32	1101.00	163.13	1429	-0.13	-230.63	-88.75	-2.20	1430	0.08	-183.36	-74.68	-2.22	1431	0.27	-135.88	-60.52	-2.25
1433	198.32	1102.00	163.15	1432	-0.27	-253.07	-100.94	-2.64	1433	-0.08	-182.80	-79.99	-2.61	1434	0.08	-112.93	-59.13	-2.58
1436	198.32	1103.00	163.18	1435	-0.04	-278.81	-113.01	-2.95	1436	0.27	-182.72	-84.29	-3.03	1437	0.53	-85.71	-55.26	-3.11
1439	198.32	1104.00	163.20	1438	-0.23	-309.42	-125.29	-3.59	1439	-0.26	-181.67	-87.19	-3.46	1440	-0.34	-55.53	-49.52	-3.33
1442	198.32	1105.00	163.23	1441	-0.85	-342.47	-136.62	-3.63	1442	0.37	-182.43	-88.48	-3.90	1443	1.50	-19.26	-39.32	-4.18
1445	198.32	1106.00	163.25	1444	4.11	-382.25	-146.00	-4.81	1445	0.95	-180.01	-86.51	-4.35	1446	-2.31	17.36	-28.40	-3.88
1448	198.32	1107.00	163.28	1447	-6.72	-342.58	-133.42	-20.27	1448	-5.13	-175.84	-83.11	-0.44	1449	-7.53	-20.78	-37.42	9.55
1451	198.47	1108.25	163.29	1450	-4.00	-158.13	-69.03	-24.64	1451	3.40	-124.03	-56.78	0.30	1452	4.36	-71.93	-41.03	14.44
1454	198.63	1109.50	163.31	1453	-1.28	-68.61	-32.39	-7.57	1454	2.20	-95.29	-39.51	-4.28	1455	4.88	-104.29	-41.57	3.96
					1	1	1	97		2	5	572	2		3	30	144	99
					-3780.57	-12320.88	-4847.68	-423.83		-2172.29	-5100.99	-2542.50	183.30		-565.39	-6594.23	2443.54	546.55

yster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
2	247.08	106.93	36.00	1	-4564.10	-14869.00	-5850.60	274.32	2	-2625.00	-6140.30	-2639.70	221.02	3	-687.68	2468.40	536.14	164.21
5	248.68	108.10	36.27	4	1271.10	-13320.00	-3597.80	214.14	5	675.38	-6164.10	-1586.10	198.24	6	80.14	1074.40	452.40	179.37
8	250.28	109.28	36.54	7	-376.30	-10564.00	-3058.90	164.20	8	-180.50	-6120.50	-1589.50	159.85	9	13.37	-1649.30	-110.70	153.93
11	251.87	110.46	36.21	10	64.29	-8318.90	-1923.70	131.55	11	36.73	-6075.00	-1162.70	125.33	12	8.65	-3855.50	-408.33	118.30
14	253.45	111.66	37.08	13	-38.51	-6619.70	-1054.50	92.48	14	-7.79	-6050.20	-771.09	95.02	15	22.58	-5454.60	-479.55	97.22
17	255.03	112.86	37.35	16	-13.08	-5402.20	-272.94	68.09	17	-2.09	-5996.20	-345.38	69.26	18	8.93	-6610.50	-423.88	70.56
20	256.61	114.06	37.62	19	-9.86	-4553.60	378.17	42.61	20	2.86	-5956.40	57.18	48.19	21	15.80	-7349.20	-260.97	54.11
23	258.18	115.28	37.89	22	-10.94	-4026.90	897.35	26.83	23	-1.90	-5898.50	424.83	31.45	24	7.51	-7784.10	-52.17	36.62
26	259.74	116.50	38.16	25	-4.94	-3729.50	1303.20	12.23	26	2.12	-584 70	744.76	18.71	27	9.62	-7962.30	186.47	25.79
29	261.30	117.73	38.43	28	-6.24	-3615.70	1598.60	3.79	29	-1.06	-5785.00	1011.80	9.60	30	4.60	-7964.10	421.69	15.65
32	262.85	118.97	38.70	31	-2.91	-3621.40	1805.00	-3.10	32	0.71	-5725.90	1225.20	3.01	33	4.80	-7832.00	644.50	9.74
35	264.39	120.21	38.98	34	-3.60	-3711.50	1931.80	-6.32	35	-1.13	-5661.90	1386.80	-1.04	36	1.79	-7618.90	839.38	4.83
38	265.93	121.46	39.25	37	-2.10	-3846.80	1996.90	-8.44	38	-0.55	-5599.20	1500.90	-3.26	39	1.42	-7354.30	1003.70	2.64
41	267.47	122.72	39.52	40	-2.54	-4005.40	2010.50	-8.58	41	-1.58	-5534.80	1572.40	-4.15	42	-0.25	-7068.70	1132.70	0.74
44	269.00	123.99	39.79	43	-2.11	-4167.10	1985.40	-8.25	44	-1.54	-5471.60	1607.20	-4.12	45	-0.66	-6778.50	1228.00	0.40
47	270.52	125.26	40.06	46	-2.41	-4322.30	1929.80	-7.03	47	-2.01	-5408.50	1610.90	-3.55	48	-1.35	-6497.30	1290.80	0.25
50	272.03	126.54	40.33	49	-2.66	-4464.70	1851.60	-5.93	50	-2.28	-5346.60	1588.90	-2.77	51	-1.68	-6230.60	1325.30	0.66
53	273.54	127.83	40.60	52	-2.80	-4593.70	1756.10	-4.57	53	-2.29	-5286.20	1546.30	-2.01	54	-1.60	-5979.60	1336.00	0.76
56	275.05	129.13	40.87	55	-3.55	-4712.80	1647.10	-3.86	56	-2.86	-5226.70	1487.90	-1.50	57	-2.03	-5742.70	1327.90	1.02
59	276.54	130.43	41.14	58	-3.59	-4826.60	1527.90	-3.08	59	-2.40	-5169.90	1417.90	-1.39	60	-1.12	-5512.40	1308.00	0.41
62	278.04	131.74	41.41	61	-4.34	-4946.80	1398.90	-3.42	62	-3.26	-5113.30	1340.70	-1.80	63	-2.14	-5282.20	1281.70	-0.11
65	279.54	133.07	41.68	64	-3.62	-5069.60	1265.00	-2.89	65	-2.53	-5059.20	1259.50	-1.99	66	-1.43	-5045.90	1254.80	-1.09
68	281.03	134.41	41.96	67	-5.95	-5196.80	1129.90	-3.21	68	-4.56	-5003.00	1180.00	-2.11	69	-3.21	-4812.90	1229.10	-1.03
71	282.52	135.75	42.23	70	-3.70	-5328.60	1000.20	-2.60	71	-1.96	-4952.90	1106.40	-2.84	72	-0.31	-4570.30	1214.70	-3.18
74	284.01	137.11	42.50	73	-8.17	-5485.40	870.94	-4.67	74	-6.04	-4898.30	1042.90	-4.17	75	-4.04	-4318.50	1212.90	-3.79
77	285.48	138.47	42.78	76	-3.00	-5660.10	753.99	-4.08	77	-0.75	-4854.00	994.95	-5.87	78	1.30	-4034.00	1240.30	-7.91
80	286.96	139.83	43.05	79	-10.97	-5879.00	640.06	-7.93	80	-8.63	-4798.50	967.72	-7.87	81	-6.57	-3732.80	1291.20	-8.06
83	288.42	141.21	43.33	82	-1.64	-6112.60	553.30	-5.65	83	1.06	-4761.60	967.76	-9.74	84	3.41	-3383.20	1390.80	-14.27
86	289.88	142.59	43.60	85	-10.72	-6398.30	478.62	-11.39	86	-10.82	-4700.30	1003.20	-11.35	87	-11.34	-3032.40	1519.20	-11.67
89	291.33	143.98	43.87	88	-14.39	-6666.50	451.74	-4.50	89	-5.37	-4673.70	1075.70	-12.02	90	3.11	-2630.10	1715.50	-20.22
92	292.77	145.37	44.15	91	51.93	-6971.80	483.49	-12.36	92	23.67	-4600.00	1219.70	-11.27	93	-5.08	-2282.50	1940.20	-10.68
95	294.21	146.77	44.42	94	-115.30	-6042.40	875.65	-441.16	95	-99.29	-4456.20	1399.10	15.95	96	-260.32	-3081.90	1806.20	387.44
98	294.65	147.04	44.49	97	-62.08	-2630.30	1936.50	-510.96	98	141.46	-3495.30	1798.50	-90.73	99	145.82	-3838.10	1755.90	660.58
101	295.08	147.31	44.56	100	-30.91	-654.66	2564.80	-40.49	101	56.92	-2900.30	1990.10	-148.46	102	188.73	-4468.10	1630.50	297.19
104	296.51	148.72	44.83	103	-3.15	-617.70	2783.90	-11.43	104	-11.33	-2729.90	2211.40	-6.57	105	-18.70	-4833.80	1640.70	-0.95
107	297.92	150.14	45.10	106	0.87	-753.46	2910.80	-10.48	107	1.70	-2698.40	2382.00	-9.03	108	3.23	-4463.00	1846.80	-6.82

ster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
110	299.33	151.56	45.37	109	3.78	-895.56	3004.50	-13.39	110	1.59	-2678.70	2515.10	-10.61	111	0.06	-4460.80	2025.40	-7.17
113	300.74	152.99	45.65	112	1.36	-1057.80	3062.50	-12.60	113	-0.35	-2650.70	2622.80	-11.51	114	-1.47	-4254.00	2179.50	-9.61
116	302.13	154.42	45.92	115	3.24	-1220.40	3096.40	-13.22	116	1.12	-2627.40	2705.90	-11.82	117	-0.47	-4037.20	2314.00	-9.89
119	303.52	155.87	46.19	118	2.47	-1385.70	3106.70	-12.33	119	0.11	-2601.40	2767.80	-11.67	120	-1.80	-3823.00	2426.70	-10.56
122	304.91	157.31	46.47	121	2.45	-1545.20	3099.80	-11.56	122	0.53	-2577.00	2811.40	-11.15	123	-1.00	-3612.00	2521.70	-10.36
125	306.28	158.77	46.74	124	4.55	-1697.50	3079.60	-10.26	125	0.44	-2552.00	2839.80	-10.34	126	-3.34	-3409.90	2598.60	-10.12
128	307.65	160.23	47.01	127	-3.90	-1840.50	3045.60	-9.01	128	-0.47	-2527.50	2855.20	-9.32	129	3.18	-3217.40	2663.50	-9.39
131	309.01	161.70	47.28	130	10.48	-2046.40	2989.90	-7.95	131	2.31	-2502.80	2862.30	-8.27	132	-5.72	-2961.40	2733.90	-8.43
134	312.35	165.36	47.96	133	4.23	-2272.30	2895.90	4.89	134	1.45	-2444.40	2852.40	3.92	135	-1.28	-2617.20	2808.70	3.00
137	315.65	169.06	48.64	136	5.77	-2435.50	2807.20	9.68	137	-0.68	-2380.30	2827.80	7.55	138	-7.14	-2340.70	2848.50	5.38
140	318.91	172.81	49.31	139	4.57	-2493.40	2755.60	14.17	140	-1.31	-2333.90	2811.00	11.55	141	-7.25	-2174.10	2866.60	8.86
143	322.12	176.58	49.99	142	5.47	-2433.90	2757.30	18.58	143	-1.23	-2281.50	2811.80	16.07	144	-7.98	-2128.10	2866.70	13.68
146	325.28	180.40	50.66	145	6.59	-2243.20	2816.20	22.79	146	-0.78	-2230.00	2829.50	21.27	147	-8.15	-2217.30	2842.70	19.72
149	328.40	184.25	51.34	148	9.29	-1902.50	2926.30	27.09	149	1.24	-2180.20	2851.20	27.27	150	-6.68	-2458.50	2775.80	27.53
152	331.48	188.14	52.01	151	-1.20	-1471.40	3039.60	24.60	152	6.99	-2123.00	2853.30	27.58	153	15.37	-2777.80	2665.70	30.78
155	334.51	192.07	52.69	154	-10.65	-1263.90	3030.00	3.28	155	4.61	-2041.30	2801.60	7.25	156	20.07	-2821.30	2572.20	11.49
158	337.49	196.03	53.36	157	-1.68	-1470.70	2830.10	-7.29	158	-0.02	-1971.10	2675.30	-6.20	159	1.84	-2473.20	2519.80	-4.96
161	340.00	199.45	53.94	160	9.60	-1785.80	2581.50	-1.53	161	0.61	-1936.40	2526.20	-2.32	162	-8.27	-2088.40	2470.40	-3.05
164	342.48	202.89	54.52	163	3.48	-1974.30	2357.40	3.64	164	-0.35	-1904.10	2369.70	2.07	165	-4.18	-1832.90	2382.20	0.48
167	344.93	206.36	55.10	166	2.83	-2077.50	2167.60	7.41	167	-1.03	-1873.00	2221.10	5.22	168	-4.96	-1668.10	2274.70	2.96
170	347.34	209.85	55.68	169	1.50	-2121.00	2011.70	9.59	170	-1.15	-1844.10	2088.90	7.25	171	-3.90	-1565.90	2166.50	4.82
173	349.71	213.36	56.25	172	0.59	-2128.00	1888.10	10.83	173	-1.39	-1816.50	1977.60	8.34	174	-3.49	-1504.10	2067.50	5.75
176	352.05	216.90	56.83	175	0.03	-2116.40	1793.30	11.13	176	-1.37	-1790.50	1889.30	8.70	177	-2.92	-1463.30	1985.80	6.18
179	354.35	220.46	57.41	178	-0.33	-2099.80	1724.00	11.06	179	-1.39	-1765.60	1824.50	8.57	180	-2.59	-1430.10	1925.60	5.98
182	356.62	224.05	57.99	181	-0.59	-2086.70	1677.90	10.60	182	-1.50	-1741.70	1783.70	8.17	183	-2.55	-1395.60	1889.90	5.63
185	358.85	227.66	58.57	184	-0.48	-2079.90	1654.60	10.31	185	-1.41	-1718.80	1767.10	7.73	186	-2.50	-1356.00	1880.30	5.05
188	361.04	231.29	59.14	187	-0.48	-2077.90	1655.10	10.07	188	-1.79	-1696.20	1775.70	7.50	189	-3.27	-1313.50	1896.80	4.82
191	363.20	234.94	59.72	190	0.03	-2072.50	1683.30	10.50	191	-1.28	-1674.50	1810.90	7.74	192	-2.77	-1274.40	1939.30	4.86
194	365.32	238.61	60.30	193	-0.58	-2061.30	1740.30	10.23	194	-2.01	-1650.60	1873.80	7.63	195	-3.62	-1239.40	2007.60	4.92
197	367.41	242.31	60.88	196	1.42	-2036.30	1830.20	11.46	197	-1.64	-1627.90	1964.60	8.57	198	-4.89	-1216.50	2100.10	5.56
200	369.45	246.03	61.45	199	2.50	-1964.90	1961.80	14.20	200	-2.08	-1605.50	2083.00	11.83	201	-6.81	-1246.60	2204.30	9.37
203	371.46	249.76	62.03	202	5.58	-1799.70	2147.00	18.62	203	-0.82	-1584.80	2225.80	16.64	204	-7.31	-1366.60	2305.70	14.57
206	373.43	253.52	62.61	205	5.97	-1510.00	2384.50	23.30	206	-0.27	-1561.20	2384.10	23.15	207	-6.49	-1615.70	2382.70	23.01
209	375.36	257.30	63.19	208	13.10	-1051.60	2673.10	30.02	209	-0.73	-1540.30	2538.00	31.43	210	-14.30	-2027.10	2403.40	32.92
212	377.26	261.09	63.77	211	7.87	-399.30	2986.10	35.82	212	14.11	-1515.40	2665.40	41.46	213	20.74	-2639.70	2341.80	47.35
215	379.11	264.91	64.34	214	-22.58	98.31	3172.00	-1.91	215	6.90	-1403.00	2736.60	8.44	216	36.77	-2909.70	2299.00	19.14

30-Oct-90

Oyster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
218	380.93	268.76	64.92	217	-4.97	-89.79	3063.20	-27.19	218	-4.01	-1292.90	2702.50	-22.16	219	-2.59	-2496.80	2341.00	-16.89
221	382.71	272.59	65.50	220	18.48	-520.31	2800.60	-11.44	221	4.67	-1276.00	2565.80	-9.06	222	-8.74	-2023.70	2333.00	-6.49
224	383.49	274.32	65.76	223	4.12	-698.68	2662.70	-8.92	224	-0.09	-1267.60	2485.20	-7.33	225	-4.06	-1829.20	2309.60	-5.64
227	384.26	276.04	66.02	226	2.82	-770.02	2554.40	-1.69	227	-0.44	-1256.40	2400.90	-2.28	228	-3.48	-1747.60	2245.80	-2.77
230	385.03	277.78	66.27	229	4.49	-790.26	2456.10	1.26	230	0.96	-1248.70	2310.10	2.42	231	-2.37	-1711.50	2162.50	3.67
233	385.79	279.51	66.53	232	-2.47	-764.24	2363.40	7.41	233	-4.73	-1243.60	2210.70	6.69	234	-6.78	-1717.70	2059.30	6.04
236	386.54	281.25	66.79	235	-11.12	-798.56	2246.10	66.30	236	28.21	-1285.70	2102.60	26.06	237	56.61	-1548.70	2022.90	-73.99
239	386.75	282.00	66.90	238	-22.14	-1621.60	1948.70	217.93	239	30.27	-1496.40	1993.80	-0.81	240	26.92	-1239.60	2062.10	-176.86
242	386.97	282.74	67.00	241	-56.24	-2866.80	1517.40	166.20	242	-48.93	-1799.10	1833.80	-6.52	243	-79.01	-869.26	2098.00	-105.11
245	387.40	283.76	67.15	244	22.52	-3150.90	1398.10	22.86	245	6.56	-1827.60	1785.40	15.91	246	-9.68	-552.60	2158.50	8.85
248	387.82	284.77	67.30	247	-0.73	-3013.60	1383.80	14.69	248	3.04	-1843.70	1732.20	15.55	249	6.46	-640.58	2090.80	16.24
251	388.24	285.79	67.45	250	-1.48	-2909.40	1374.60	17.96	251	-3.12	-1828.00	1695.90	15.03	252	-5.05	-759.48	2013.70	12.00
254	388.67	286.80	67.60	253	2.01	-2793.30	1377.80	15.35	254	1.88	-1829.60	1665.30	14.47	255	1.49	-855.85	1956.10	13.47
257	389.08	287.82	67.75	256	-0.49	-2690.80	1381.90	15.48	257	-1.02	-1822.70	1641.50	13.84	258	-1.78	-956.00	1901.00	12.10
260	389.50	288.84	67.90	259	0.86	-2589.80	1392.80	14.28	260	0.47	-1819.90	1623.80	13.17	261	-0.13	-1046.40	1856.10	11.97
263	389.91	289.86	68.05	262	0.29	-2496.60	1406.30	13.65	263	-0.22	-1815.30	1611.40	12.47	264	-0.92	-1133.10	1816.90	11.22
266	390.32	290.88	68.20	265	0.09	-2408.60	1423.00	12.76	266	-0.06	-1811.60	1603.60	11.77	267	-0.37	-1212.70	1784.80	10.70
269	390.73	291.90	68.35	268	2.03	-2326.90	1442.80	11.99	269	0.57	-1807.60	1600.10	11.06	270	-1.05	-1286.90	1758.10	10.06
272	391.13	292.93	68.50	271	-1.54	-2235.00	1467.00	11.57	272	-1.57	-1803.70	1599.00	10.27	273	-1.72	-1371.10	1731.50	8.92
275	392.28	295.87	68.93	274	0.22	-2098.80	1519.20	14.16	275	-1.40	-1792.90	1614.00	12.81	276	-3.10	-1486.90	1709.20	11.42
278	393.40	298.82	69.36	277	-1.80	-1957.40	1590.20	12.03	278	-0.59	-1781.80	1647.40	11.15	279	0.56	-1605.90	1704.70	10.25
281	394.50	301.77	69.79	280	-0.25	-1850.40	1662.20	10.43	281	-0.28	-1771.10	1690.50	9.88	282	-0.34	-1691.40	1718.80	9.31
284	395.58	304.74	70.22	283	0.13	-1768.70	1731.10	9.32	284	-0.21	-1760.30	1738.10	9.04	285	-0.55	-1752.00	1745.00	8.75
287	396.64	307.71	70.65	286	0.84	-1701.20	1796.60	8.76	287	0.50	-1749.90	1786.40	8.66	288	0.16	-1798.40	1776.30	8.56
290	397.67	310.69	71.08	289	0.30	-1645.90	1855.70	7.57	290	0.18	-1736.60	1832.80	7.77	291	0.08	-1827.90	1809.70	7.98
293	398.68	313.68	71.51	292	1.35	-1605.40	1906.00	7.22	293	0.14	-1723.90	1874.20	7.34	294	-1.05	-1842.10	1842.50	7.47
296	399.67	316.68	71.94	295	2.22	-1561.90	1950.80	7.89	296	0.53	-1713.40	1908.70	8.23	297	-1.12	-1866.10	1866.20	8.59
299	400.64	319.68	72.37	298	2.99	-1491.50	1995.70	8.97	299	-0.01	-1703.90	1934.60	9.43	300	-2.95	-1915.90	1873.50	9.90
302	401.58	322.69	72.80	301	2.83	-1389.90	2038.40	9.88	302	3.83	-1693.60	1950.50	10.88	303	4.90	-1999.00	1862.00	11.92
305	402.51	325.71	73.23	304	-4.33	-1319.30	2053.10	2.66	305	1.30	-1658.50	1955.20	4.62	306	6.99	-1998.70	1857.00	6.61
308	403.41	328.73	73.66	307	-2.42	-1393.66	2007.90	-1.82	308	-1.84	-1624.10	1940.50	-1.24	309	-1.20	-1854.00	1873.30	-0.64
311	404.28	331.76	74.09	310	4.11	-1541.80	1929.20	0.81	311	0.67	-1614.80	1907.50	0.71	312	-2.74	-1689.10	1885.40	0.62
314	405.13	334.80	74.52	313	1.94	-1643.60	1858.00	2.84	314	-0.14	-1606.90	1869.60	2.46	315	-2.22	-1569.20	1881.50	2.07
317	405.97	337.84	74.95	316	1.54	-1705.30	1801.90	4.65	317	-0.63	-1598.30	1834.70	3.99	318	-2.84	-1492.00	1867.30	3.31
320	406.77	340.89	75.38	319	1.64	-1729.80	1763.70	6.10	320	-0.34	-1590.90	1806.30	5.36	321	-2.35	-1450.70	1849.40	4.59
323	407.56	343.95	75.81	322	1.06	-1722.40	1743.10	7.30	323	-0.80	-1582.70	1786.30	6.60	324	-2.70	-1443.70	1829.20	5.89

ster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes					Middle Nodes					Inside Nodes				
				Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
326	408.32	347.01	76.24	325	1.68	-1683.40	1740.70	8.42	326	-0.27	-1575.80	1774.50	7.79	327	-2.24	-1466.90	1808.60	7.15
329	409.06	350.08	76.67	328	1.34	-1615.70	1753.30	9.26	329	-0.30	-1568.00	1769.30	8.98	330	-1.96	-1521.30	1735.00	8.70
332	409.77	353.15	77.10	331	2.11	-1516.50	1778.90	10.28	332	-0.64	-1561.50	1766.80	10.20	333	-3.37	-1605.30	1755.00	10.12
335	410.47	356.23	77.53	334	3.00	-1388.30	1811.40	10.86	335	3.93	-1554.00	1764.00	11.50	336	4.90	-1721.40	1716.10	12.14
338	411.14	359.31	77.96	337	-4.00	-1278.40	1827.20	3.95	338	0.99	-1515.70	1759.20	5.85	339	6.02	-1753.30	1691.10	7.77
341	411.78	362.40	78.39	340	-3.36	-1298.10	1793.00	0.05	341	-2.77	-1477.60	1740.70	0.62	342	-2.13	-1656.70	1688.50	1.20
344	412.41	365.49	78.82	343	3.84	-1394.10	1728.10	2.26	344	0.82	-1471.30	1705.30	2.24	345	-2.18	-1549.50	1682.10	2.23
347	413.01	368.59	79.25	346	1.73	-1452.70	1667.80	3.65	347	0.38	-1466.00	1664.50	3.63	348	-0.97	-1478.60	1661.40	3.60
350	413.58	371.69	79.68	349	0.71	-1485.60	1615.10	4.18	350	-0.24	-1436.20	1624.80	4.00	351	-1.19	-1427.30	1634.30	3.82
353	414.14	374.80	80.11	352	0.56	-1510.10	1567.30	4.50	353	-0.59	-1447.20	1587.00	4.19	354	-1.75	-1383.50	1606.90	3.87
356	414.67	377.91	80.54	355	1.00	-1527.60	1525.70	5.42	356	-0.35	-1441.90	1552.30	4.91	357	-1.73	-1356.50	1578.80	[illegible]
359	415.17	381.02	80.97	358	0.76	-1529.00	1494.00	5.84	359	-0.29	-1437.30	1522.50	5.44	360	-1.38	-1345.10	1551.20	5.02
362	415.66	384.14	81.40	361	0.53	-1519.60	1471.00	6.24	362	-0.41	-1432.40	1498.30	5.77	363	-1.37	-1345.30	1525.60	5.31
365	416.12	387.26	81.83	364	0.56	-1502.70	1455.70	6.33	365	-0.27	-1427.90	1479.30	5.99	366	-1.13	-1352.90	1503.10	5.66
368	416.56	390.38	82.26	367	0.49	-1481.00	1446.30	6.50	368	-0.36	-1423.70	1464.80	6.16	369	-1.23	-1366.20	1483.30	5.82
371	416.97	393.51	82.69	370	0.82	-1455.60	1441.70	6.45	371	0.26	-1419.60	1453.90	6.27	372	-0.32	-1383.50	1466.20	6.10
374	417.36	396.64	83.12	373	0.18	-1429.30	1439.40	3.91	374	-0.10	-1412.00	1446.20	5.89	375	-0.40	-1396.50	1452.90	5.86
377	417.72	399.78	83.55	376	0.13	-1411.50	1436.10	5.59	377	-0.43	-1404.50	1439.60	5.53	378	-0.99	-1397.40	1443.30	5.47
380	418.07	402.91	83.98	379	0.74	-1400.30	1431.70	5.74	380	-0.14	-1401.00	1432.80	5.64	381	-1.02	-1401.70	1434.00	5.53
383	418.39	406.05	84.41	382	1.22	-1386.50	1428.30	5.72	383	0.76	-1397.60	1426.40	5.74	384	0.29	-1408.90	1424.50	5.77
386	418.68	409.19	84.84	385	0.13	-1370.80	1424.60	4.94	386	0.01	-1387.50	1421.20	5.18	387	-0.12	-1404.50	1417.70	5.43
389	418.95	412.33	85.27	388	-0.16	-1366.80	1417.10	4.69	389	-0.71	-1377.80	1415.20	4.70	390	-1.26	-1388.40	1413.50	4.72
392	419.20	415.48	85.70	391	0.97	-1373.70	1406.30	4.94	392	0.13	-1374.80	1407.40	4.86	393	-0.71	-1376.20	1408.30	4.79
395	419.43	418.63	86.13	394	0.66	-1376.60	1396.60	5.00	395	-0.05	-1371.90	1399.40	4.97	396	-0.76	-1367.00	1402.30	4.94
398	419.63	421.78	86.56	397	0.57	-1377.30	1388.20	5.14	398	-0.14	-1368.90	1392.10	5.05	399	-0.86	-1360.80	1395.90	4.96
401	419.81	424.93	86.99	400	0.67	-1376.20	1381.10	5.19	401	-0.04	-1366.70	1385.40	5.13	402	-0.75	-1357.10	1389.60	5.07
404	419.96	428.08	87.42	403	0.62	-1373.30	1375.40	5.26	404	-0.06	-1364.40	1379.40	5.19	405	-0.73	-1355.60	1383.50	5.11
407	420.09	431.23	87.85	406	0.61	-1368.90	1370.90	5.24	407	-0.05	-1362.10	1374.30	5.22	408	-0.71	-1355.20	1377.80	5.19
410	420.20	434.38	88.28	409	0.55	-1363.70	1367.30	5.28	410	-0.10	-1359.80	1369.90	5.24	411	-0.76	-1355.90	1372.50	5.20
413	420.28	437.54	88.71	412	0.62	-1358.30	1364.30	5.28	413	-0.03	-1358.10	1365.80	5.27	414	-0.69	-1357.90	1367.30	5.26
416	420.34	440.69	89.14	415	0.62	-1352.30	1361.80	5.29	416	-0.02	-1356.50	1361.90	5.29	417	-0.66	-1360.70	1362.10	5.28
419	420.37	443.85	89.57	418	0.61	-1345.90	1359.40	5.26	419	-0.02	-1355.10	1358.10	5.30	420	-0.66	-1364.30	1356.70	5.34
422	420.39	447.00	90.00	421	0.66	-1339.40	1356.90	5.26	422	0.03	-1353.90	1354.00	5.30	423	-0.59	-1368.30	1351.00	5.35
425	420.37	450.15	90.43	424	0.60	-1333.10	1353.70	5.20	425	-0.00	-1352.70	1349.30	5.29	426	-0.60	-1372.60	1344.70	5.38
428	420.34	453.31	90.86	427	0.67	-1327.30	1349.60	5.17	428	0.09	-1351.80	1343.70	5.26	429	-0.49	-1376.30	1337.80	5.34
431	420.28	456.46	91.29	430	0.54	-1323.00	1343.90	5.05	431	0.00	-1351.00	1337.00	5.19	432	-0.53	-1379.20	1330.00	5.33

Oyster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity Z - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
434	420.20	459.62	91.72	433	0.64	-1320.60	1336.40	4.99	434	0.14	-1350.40	1328.90	5.09	435	-0.36	-1380.00	1321.50	5.19
437	420.09	462.77	92.15	436	0.42	-1321.90	1326.30	4.78	437	-0.02	-1349.80	1319.40	4.93	438	-0.45	-1378.00	1312.40	5.09
440	419.96	465.92	92.58	439	0.49	-1327.60	1313.70	4.65	440	0.13	-1349.60	1308.60	4.71	441	-0.24	-1371.20	1303.60	4.78
443	419.81	469.07	93.01	442	0.37	-1340.30	1297.90	4.31	443	0.03	-1349.20	1296.70	4.42	444	-0.32	-1358.70	1295.40	4.53
446	419.63	472.22	93.44	445	-0.47	-1360.70	1279.30	4.12	446	-0.51	-1349.50	1284.30	4.04	447	-0.55	-1337.50	1289.50	3.[illegible]
449	419.43	475.37	93.87	448	2.85	-1392.10	1259.60	3.67	449	2.03	-1349.20	1273.80	3.60	450	1.20	-1307.00	1287.90	3.1[illegible]
452	419.20	478.52	94.30	451	1.62	-1394.00	1250.10	4.05	452	-0.30	-1328.90	1270.60	4.60	453	-2.23	-1263.70	1291.20	5.14
455	418.95	481.67	94.73	454	-1.40	-1366.20	1252.90	5.94	455	-2.48	-1308.70	1271.40	5.86	456	-3.57	-1250.30	1290.10	5.78
458	418.68	484.81	95.16	457	0.54	-1346.10	1258.40	5.83	458	0.30	-1308.80	1271.10	5.68	459	0.06	-1272.20	1283.50	5.54
461	418.39	487.95	95.59	460	0.37	-1329.50	1264.60	5.48	461	-0.12	-1309.80	1271.90	5.51	462	-0.62	-1289.50	1279.40	5.55
464	418.07	491.09	96.02	463	0.30	-1317.70	1270.80	5.36	464	-0.14	-1310.30	1274.40	5.36	465	-0.57	-1303.40	1277.80	5.35
467	417.72	494.22	96.45	466	0.54	-1309.20	1276.70	5.12	467	0.06	-1311.50	1277.40	5.23	468	-0.43	-1313.40	1278.20	5.33
470	417.36	497.36	96.88	469	0.41	-1304.20	1281.60	5.04	470	-0.08	-1312.40	1280.50	5.12	471	-0.57	-1320.90	1279.30	5.20
473	416.97	500.49	97.31	472	0.59	-1301.60	1285.60	4.90	473	0.07	-1313.80	1283.40	5.03	474	-0.46	-1325.80	1281.10	5.17
476	416.56	503.62	97.74	475	0.50	-1301.30	1288.50	4.86	476	-0.03	-1315.10	1285.80	4.97	477	-0.56	-1329.10	1282.90	5.08
479	416.12	506.74	98.17	478	0.60	-1302.50	1290.50	4.77	479	0.05	-1316.70	1287.60	4.92	480	-0.50	-1330.90	1284.80	5.07
482	415.66	509.86	98.60	481	0.54	-1305.40	1291.40	4.75	482	-0.01	-1318.40	1288.90	4.88	483	-0.56	-1331.60	1286.40	5.00
485	415.17	512.98	99.03	484	0.57	-1309.40	1291.60	4.70	485	0.02	-1320.30	1289.70	4.84	486	-0.53	-1331.20	1287.90	4.98
488	414.67	516.09	99.46	487	0.53	-1314.80	1290.90	4.69	488	-0.02	-1322.30	1290.10	4.80	489	0.57	-1329.90	1289.30	4.91
491	414.14	519.20	99.89	490	0.52	-1321.60	1289.80	4.64	491	-0.02	-1324.50	1290.40	4.76	492	-0.56	-1327.40	1290.90	4.88
494	413.58	522.31	100.32	493	0.50	-1329.90	1288.30	4.62	494	-0.04	-1326.90	1290.70	4.71	495	-0.58	-1323.80	1293.00	4.79
497	413.01	525.41	100.75	496	0.46	-1339.90	1286.70	4.58	497	-0.08	-1329.40	1291.30	4.65	498	-0.61	-1318.90	1295.90	4.73
500	412.41	528.51	101.18	499	0.45	-1351.60	1285.60	4.57	500	-0.08	-1332.10	1292.90	4.59	501	-0.62	-1312.40	1300.20	4.62
503	411.78	531.60	101.61	502	0.38	-1365.10	1285.20	4.53	503	-0.16	-1334.90	1295.70	4.54	504	-0.71	-1304.60	1306.20	4.56
506	411.14	534.69	102.04	505	0.41	-1380.00	1286.50	4.56	506	-0.15	-1337.90	1300.50	4.50	507	-0.72	-1295.60	1314.50	4.45
509	410.47	537.77	102.47	508	0.37	-1395.90	1290.20	4.57	509	-0.24	-1341.00	1307.90	4.50	510	-0.87	-1286.10	1325.60	4.43
512	409.77	540.85	102.90	511	0.32	-1411.60	1297.30	4.69	512	-0.28	-1344.50	1318.60	4.54	513	-0.91	-1276.90	1340.00	4.41
515	409.06	543.92	103.33	514	0.84	-1425.70	1309.10	4.81	515	-0.10	-1347.90	1333.40	4.67	516	-1.07	-1270.10	1357.70	4.54
518	408.32	546.99	103.76	517	2.00	-1423.50	1330.90	5.67	518	[illegible] 05	-1348.70	1353.80	5.63	519	-2.10	-1273.60	1376.80	5.59
521	407.56	550.05	104.19	520	1.25	-1384.50	1367.70	7.20	521	[illegible]	[illegible]47.60	1379.20	7.27	522	-2.68	-1310.70	1390.70	[illegible].35
524	406.77	553.11	104.62	523	1.22	-1314.50	1416.50	8.12	524	[illegible]	[illegible]9.70	1406.50	8.42	525	-1.24	-1385.00	1396.60	8.71
527	405.97	556.16	105.05	526	1.76	-1225.70	1469.40	8.52	527	0.30	[illegible]~	1431.70	9.25	528	-1.13	-1482.80	1393.70	9.99
530	405.13	559.20	105.48	529	2.41	-1115.10	1521.90	9.13	530	0.83	[illegible]	1450.00	10.23	531	-0.67	-1602.20	1377.90	11.32
533	404.28	562.24	105.91	532	2.64	-980.99	1567.90	9.53	533	1.05	-1[illegible]	1455.10	11.28	534	-0.43	-1746.50	1341.60	13.01
536	403.43	565.27	106.34	535	3.44	-822.46	1600.10	10.01	536	1.96	-13[illegible]	1439.10	12.27	537	0.62	-1914.40	1277.70	14.49
539	402.51	568.29	106.77	538	3.26	-644.88	1607.00	9.88	539	2.14	-1372.60	1392.80	13.00	540	1.22	-2103.10	1177.60	16.07

Oyster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
542	401.58	571.31	107.20	541	3.95	-456.28	1576.40	9.57	542	3.41	-1378.10	1305.90	13.21	543	3.13	-2300.90	1034.80	16.79
545	400.64	574.32	107.63	544	2.82	-276.16	1490.40	7.97	545	3.33	-1382.20	1167.10	12.55	546	4.14	-2492.70	842.26	17.05
548	399.67	577.32	108.06	547	3.00	-128.53	1332.20	5.79	548	4.89	-1387.80	966.01	10.60	549	7.10	-2648.20	599.13	15.29
551	398.68	580.32	108.49	550	0.11	-55.39	1079.10	1.39	551	4.01	-1391.00	693.48	6.82	552	8.25	-2732.60	305.76	12.15
554	397.67	583.31	108.92	553	-0.82	-103.35	713.77	-3.97	554	5.55	-1396.40	344.73	0.69	555	12.24	-2689.30	-24.60	5.22
557	396.64	586.29	109.35	556	-6.27	-343.49	215.41	-12.66	557	2.97	-1397.70	-78.37	-8.42	558	12.45	-2458.80	-376.47	-4.24
560	395.58	589.26	109.78	559	-10.00	-846.65	-422.23	-22.30	560	3.70	-1402.50	-563.29	-20.96	561	17.47	-1954.30	-703.25	-19.68
563	394.50	592.23	110.21	562	-14.66	-1711.00	-1201.00	-36.20	563	-1.05	-1400.90	-1082.10	-37.38	564	12.40	-1096.90	-964.83	-38.49
566	393.40	595.18	110.64	565	-37.44	-3021.30	-2102.60	-50.09	566	-5.77	-1405.30	-1589.10	-57.72	567	25.31	223.24	-1071.40	-65.23
569	392.28	598.13	111.07	568	17.27	-4874.70	-3052.40	-67.79	569	-0.02	-1400.50	-2003.00	-81.59	570	-18.20	2072.60	-952.83	-95.00
572	391.13	601.07	111.50	571	64.42	-6069.80	-3603.30	-6.50	572	34.53	-1147.40	-2133.80	-1.65	573	3.57	3866.10	-635.54	3.81
575	390.73	602.10	111.65	574	10.87	-5836.50	-3551.50	94.72	575	-25.43	-865.44	-2075.10	93.84	576	-62.95	4171.60	-577.58	93.43
578	390.32	603.12	111.80	577	-14.78	-5102.60	-3313.90	95.73	578	0.24	-841.23	-2039.30	86.45	579	14.05	3396.00	-771.39	77.66
581	389.91	604.14	111.95	580	2.50	-4386.80	-3040.60	82.50	581	2.95	-853.89	-1992.50	79.23	582	2.44	2708.40	-934.60	76.32
584	389.50	605.16	112.10	583	-6.88	-3756.20	-2777.20	77.01	584	-2.57	-844.51	-1917.30	72.13	585	0.94	2063.70	-1057.70	67.56
587	389.08	606.18	112.25	586	-1.44	-3172.40	-2504.10	68.31	587	1.56	-847.28	-1823.00	65.26	588	3.93	1490.00	-1137.60	62.46
590	388.67	607.20	112.40	589	-4.50	-2653.40	-2237.60	61.21	590	-1.54	-842.99	-1712.80	58.65	591	0.94	966.69	-1187.80	56.29
593	388.24	608.21	112.55	592	-1.70	-2183.60	-1972.00	54.75	593	1.52	-844.87	-1590.10	52.35	594	4.37	504.49	-1204.70	50.08
596	387.82	609.23	112.70	595	-2.74	-1774.10	-1716.80	46.78	596	-1.78	-838.75	-1457.60	46.36	597	-1.04	86.21	-1201.30	46.07
599	387.40	610.24	112.85	598	-9.64	-1401.50	-1468.30	43.63	599	-1.48	-846.37	-1321.70	40.75	600	6.52	-268.03	-1168.00	37.88
602	386.97	611.26	113.00	601	2.32	-1168.30	-1252.10	107.45	602	27.48	-854.26	-1173.10	24.52	603	28.18	-469.44	-1080.20	-14.53
605	386.88	611.39	113.02	604	-30.92	-1112.00	-1227.60	103.31	605	-9.64	-892.25	-1176.60	25.82	606	-11.21	-671.49	-1132.30	-10.43
608	386.11	613.20	113.29	607	7.99	-812.64	-866.28	29.63	608	3.06	-893.26	-913.45	29.23	609	-1.82	-930.33	-962.61	28.82
611	385.33	615.01	113.56	610	-6.53	-425.23	-496.23	20.18	611	0.53	-895.46	-656.08	21.72	612	7.70	-1362.00	-814.97	23.20
614	384.54	616.81	113.83	613	-2.45	-154.38	-166.39	13.90	614	0.24	-893.38	-406.96	15.38	615	3.13	-1637.60	-649.32	16.78
617	383.74	618.61	114.09	616	-1.28	24.63	118.05	7.74	617	1.63	-895.39	-175.14	10.17	618	4.78	-1815.10	-468.51	12.49
620	382.93	620.41	114.36	619	-1.23	123.77	357.19	3.64	620	0.76	-895.40	35.88	5.98	621	3.01	-1918.70	-286.95	8.20
623	382.11	622.20	114.63	622	0.12	162.96	555.49	0.02	623	1.56	-897.64	223.63	2.71	624	3.28	-1959.50	-108.92	5.28
626	381.29	623.98	114.90	625	0.10	153.44	714.63	-2.27	626	1.03	-899.09	387.13	0.25	627	2.23	-1954.90	58.55	2.66
629	380.45	625.77	115.17	628	0.86	109.55	839.77	-4.07	629	1.35	-901.75	526.56	-1.50	630	2.11	-1914.90	211.54	0.94
632	379.61	627.55	115.44	631	0.87	40.38	934.15	-5.02	632	1.02	-904.17	642.84	-2.67	633	1.41	-1851.30	353.48	-0.44
635	378.76	629.32	115.70	634	1.24	-44.32	1002.60	-5.59	635	1.10	-907.28	737.48	-3.36	636	1.19	-1772.80	471.62	-1.25
638	377.91	631.09	115.97	637	1.23	-138.12	1048.60	-5.65	638	0.87	-910.36	812.33	-3.67	639	0.72	-1684.60	565.26	-1.78
641	377.04	632.86	116.24	640	1.36	-234.94	1076.30	-5.48	641	0.84	-913.83	869.49	-3.68	642	0.50	-1594.20	662.06	-1.97
644	376.16	634.63	116.51	643	1.31	-330.86	1088.90	-5.04	644	0.68	-917.34	911.08	-3.47	645	0.20	-1505.30	732.69	-1.98
647	375.28	636.39	116.78	646	1.31	-422.60	1089.50	-4.49	647	0.61	-921.07	939.21	-3.11	648	0.03	-1420.70	788.48	-1.80

yster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
650	374.39	638.14	117.05	649	1.23	-508.27	1080.70	-3.85	650	0.49	-924.87	955.91	-2.67	651	-0.14	-1342.50	830.77	-1.54
653	373.49	639.89	117.31	652	1.15	-586.67	1064.60	-3.19	653	0.41	-928.78	963.05	-2.18	654	-0.25	-1271.70	861.15	-1.20
656	372.58	641.64	117.58	655	1.04	-657.43	1043.20	-2.53	656	0.33	-932.75	962.35	-1.68	657	-0.31	-1208.70	881.24	-0.87
659	371.67	643.38	117.85	658	0.99	-720.77	1017.80	-1.95	659	0.25	-936.76	955.32	-1.22	660	-0.34	-1153.30	892.58	-0.53
662	370.74	645.12	118.12	661	0.62	-777.39	989.57	-1.41	662	0.19	-940.85	943.33	-0.82	663	-0.20	-1104.60	896.95	-0.26
665	369.81	646.85	118.39	664	1.48	-828.37	959.73	-0.99	665	0.19	-944.89	927.62	-0.50	666	-1.08	-1061.80	895.37	-0.03
668	368.87	648.58	118.66	667	1.25	-859.70	932.85	0.03	668	0.70	-947.98	909.64	0.76	669	0.16	-1033.00	887.39	1.48
671	368.80	648.72	118.68	670	1.59	-870.52	928.20	-0.69	671	0.30	-945.98	908.67	0.04	672	-0.97	-1017.90	890.20	0.76
674	367.64	650.82	119.00	673	0.52	-882.59	900.70	2.22	674	0.14	-950.22	883.98	2.62	675	-0.23	-1017.90	867.22	3.01
677	366.48	652.91	119.33	676	0.39	-890.03	872.48	2.20	677	0.09	-955.17	856.73	2.60	678	-0.20	-1020.60	840.89	3.00
680	365.30	654.99	119.66	679	0.28	-899.79	841.34	2.04	680	0.15	-960.24	827.24	2.41	681	0.02	-1020.70	813.13	2.77
683	364.11	657.06	119.98	682	0.03	-915.93	806.17	1.66	683	0.05	-965.17	795.65	2.01	684	0.07	-1014.70	785.03	2.35
686	362.91	659.13	120.31	685	-0.07	-942.19	766.32	1.16	686	0.12	-970.28	762.32	1.40	687	0.31	-998.19	758.37	1.64
689	361.70	661.19	120.63	688	-0.43	-983.28	721.00	0.40	689	-0.08	-975.14	727.95	0.57	690	0.26	-967.29	734.83	0.75
692	360.47	663.25	120.96	691	-0.63	-1043.10	670.46	-0.42	692	-0.02	-980.31	693.77	-0.48	693	0.57	-916.99	717.28	-0.53
695	359.24	665.30	121.29	694	-0.74	-1126.60	615.10	-1.52	695	-0.27	-985.05	661.70	-1.75	696	0.15	-843.70	708.28	-1.95
698	357.99	667.34	121.61	697	-2.47	-1237.30	556.18	-2.57	698	-0.70	-990.34	634.18	-3.22	699	1.01	-742.11	712.63	-3.84
701	356.73	669.37	121.94	700	3.03	-1379.30	498.90	-3.90	701	0.75	-994.99	615.87	-4.85	702	-1.63	-610.55	732.99	-5.74
704	355.46	671.40	122.26	703	5.74	-1446.30	477.03	3.28	704	-1.01	-985.39	614.21	2.73	705	-7.85	-523.41	751.84	2.26
707	354.17	673.42	122.59	706	0.09	-1360.80	514.80	11.36	707	-2.40	-975.69	629.07	10.54	708	-4.97	-588.94	743.94	9.79
710	352.88	675.43	122.92	709	-1.83	-1226.40	581.47	9.72	710	-0.21	-980.41	654.24	9.16	711	1.34	-734.51	727.02	8.65
713	351.57	677.43	123.24	712	-0.56	-1117.00	649.93	8.02	713	-0.26	-986.02	687.18	7.92	714	0.00	-854.18	724.71	7.83
716	350.26	679.43	123.57	715	-0.65	-1031.60	715.25	6.76	716	-0.18	-991.34	725.07	6.84	717	0.29	-951.38	734.80	6.93
719	348.93	681.42	123.89	718	-0.10	-965.59	776.41	5.60	719	0.12	-997.33	764.55	5.96	720	0.34	-1028.80	752.75	6.32
722	347.59	683.40	124.22	721	-0.00	-916.05	831.55	4.78	722	0.09	-1003.30	803.23	5.27	723	0.21	-1090.90	774.75	5.74
725	346.24	685.37	124.55	724	0.35	-878.82	880.28	4.10	725	0.29	-1009.70	839.20	4.76	726	0.26	-1140.80	798.05	5.39
728	344.88	687.34	124.87	727	0.44	-851.01	921.83	3.66	728	0.27	-1016.30	870.96	4.40	729	0.14	-1182.00	819.88	5.12
731	343.50	689.30	125.20	730	0.66	-829.44	956.10	3.32	731	0.39	-1023.20	897.31	4.18	732	0.17	-1217.20	838.37	5.00
734	342.12	691.25	125.52	733	0.72	-812.12	982.61	3.13	734	0.38	-1030.20	917.27	4.05	735	0.10	-1248.80	851.69	4.93
737	340.72	693.19	125.85	736	0.84	-797.35	1001.10	2.98	737	0.47	-1037.50	929.97	3.98	738	0.16	-1278.10	858.65	4.94
740	339.32	695.13	126.18	739	0.83	-784.61	1010.80	2.86	740	0.47	-1044.80	934.61	3.92	741	0.17	-1305.80	858.15	4.96
743	337.90	697.05	126.50	742	0.87	-773.97	1011.10	2.72	743	0.55	-1052.40	930.47	3.83	744	0.30	-1331.50	849.62	4.89
746	336.47	698.97	126.83	745	0.76	-766.85	1000.70	2.48	746	0.53	-1060.10	916.86	3.64	747	0.37	-1354.10	832.66	4.76
749	335.03	700.88	127.15	748	0.71	-765.38	978.65	2.14	749	0.62	-1067.80	893.21	3.31	750	0.59	-1370.90	807.53	4.43
752	333.58	702.79	127.48	751	0.45	-773.29	943.23	1.60	752	0.54	-1075.50	859.14	2.78	753	0.70	-1378.60	774.73	3.90
755	332.12	704.68	127.81	754	0.31	-794.95	893.24	0.88	755	0.63	-1083.30	814.59	1.97	756	1.01	-1372.10	735.75	3.01

ter Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

				Outside Nodes					Middle Nodes					Inside Nodes				
ode	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
758	330.65	706.57	128.13	757	-0.16	-836.64	827.13	-0.17	758	0.44	-1090.80	759.95	0.84	759	1.09	-1345.90	692.45	1.81
761	329.17	708.44	128.46	760	-0.42	-904.90	744.26	-1.43	761	0.51	-1098.50	696.31	-0.68	762	1.48	-1292.20	648.30	0.04
764	327.67	710.31	128.78	763	-1.13	-1008.50	643.96	-3.13	764	0.11	-1105.70	625.68	-2.63	765	1.36	-1203.60	607.16	-2.13
767	326.17	712.17	129.11	766	-1.69	-1155.40	527.42	-4.99	767	0.12	-1113.20	551.27	-5.04	768	1.91	-1070.20	575.40	-5.07
770	324.66	714.02	129.44	769	-1.89	-1356.00	396.55	-7.40	770	-0.42	-1119.80	477.97	-7.93	771	0.98	-883.92	559.35	-8.39
773	323.13	715.87	129.76	772	-5.74	-1618.50	254.63	-9.78	773	-1.26	-1127.20	411.95	-11.27	774	3.06	-633.48	570.1:	-12.66
776	321.60	717.70	130.09	775	5.75	-1951.60	113.93	-12.67	776	0.95	-1133.30	363.75	-14.98	777	-4.04	-314.31	613.98	-17.12
779	320.05	719.53	130.41	778	12.80	-2121.80	50.32	4.20	779	-2.19	-1115.00	349.42	2.41	780	-17.38	-105.85	649.50	0.85
782	318.50	721.34	130.74	781	0.68	-1942.80	121.37	22.35	782	-4.50	-1096.30	371.06	20.26	783	-9.87	-246.52	621.95	18.35
785	316.93	723.15	131.07	784	-4.87	-1644.50	258.65	18.40	785	-0.57	-1102.20	416.88	16.95	786	3.57	-559.75	575.28	15.61
788	315.35	724.95	131.39	787	-1.89	-1406.80	398.24	14.43	788	-0.59	-1109.60	480.17	13.90	789	0.64	-810.85	562.64	13.42
791	313.77	726.74	131.72	790	-2.12	-1227.90	529.12	11.29	791	-0.36	-1116.70	554.47	11.18	792	1.37	-1005.90	579.72	11.09
794	312.17	728.52	132.04	793	-1.05	-1098.70	649.24	8.44	794	0.16	-1125.00	633.02	8.85	795	1.38	-1150.80	616.90	9.26
797	310.56	730.29	132.37	796	-0.82	-1013.30	755.35	6.28	797	0.13	-1133.30	711.24	6.91	798	1.12	-1254.10	666.90	7.51
800	308.94	732.06	132.70	799	-0.22	-963.07	847.28	4.47	800	0.42	-1142.70	785.93	5.36	801	1.10	-1322.40	724.47	6.20
803	307.32	733.81	133.02	802	-0.01	-941.65	924.86	3.20	803	0.36	-1152.30	855.04	4.15	804	0.79	-1363.60	784.96	5.05
806	305.68	735.55	133.35	805	0.33	-942.01	989.36	2.22	806	0.46	-1162.60	917.51	3.26	807	0.64	-1383.60	845.47	4.25
809	304.03	737.29	133.68	808	0.48	-958.62	1042.10	1.63	809	0.41	-1173.30	972.97	2.65	810	0.39	-1388.60	903.64	3.61
812	302.38	739.01	134.00	811	0.63	-986.27	1084.80	1.25	812	0.38	-1184.60	1021.60	2.27	813	0.19	-1383.40	958.18	3.24
815	300.71	740.73	134.33	814	0.75	-1020.70	1119.50	1.15	815	0.36	-1196.30	1064.00	2.09	816	0.02	-1372.30	1008.30	2.98
818	299.03	742.44	134.65	817	0.75	-1058.60	1147.80	1.15	818	0.25	-1208.40	1100.80	2.07	819	-0.21	-1358.80	1053.60	2.95
821	297.35	744.13	134.98	820	0.89	-1096.60	1171.70	1.36	821	0.30	-1221.10	1133.00	2.18	822	-0.27	-1345.60	1094.20	2.97
824	295.65	745.82	135.31	823	0.77	-1132.90	1192.50	1.56	824	0.10	-1233.90	1161.30	2.39	825	-0.54	-1335.40	1130.00	3.19
827	293.95	747.50	135.6?	826	1.01	-1165.00	1211.80	1.97	827	0.27	-1247.40	1186.70	2.69	828	-0.45	-1329.50	1161.60	3.39
830	292.23	749.14	135.96	829	0.72	-1192.30	1230.30	2.26	830	-0.05	-1260.90	1209.70	3.05	831	-0.81	-1330.30	1188.80	3.83
833	290.51	750.82	136.28	832	1.18	-1212.30	1249.40	2.81	833	0.34	-1275.30	1230.80	3.48	834	-0.49	-1337.70	1212.40	4.12
836	288.77	752.47	136.61	835	0.59	-1225.70	1268.60	3.08	836	-0.22	-1289.30	1250.20	3.93	837	-1.01	-1354.30	1231.30	4.78
839	287.03	754.11	136.94	838	1.58	-1229.60	1289.40	3.76	839	0.57	-1304.80	1267.80	4.43	840	-0.42	-1378.70	1246.70	5.08
842	285.28	755.74	137.26	841	-0.02	-1226.50	1309.40	3.87	842	-0.49	-1319.10	1283.30	4.93	843	-0.95	-1414.10	1256.40	5.97
845	283.52	757.36	137.59	844	2.58	-1216.60	1330.10	4.28	845	0.96	-1334.50	1296.70	5.55	846	-0.63	-1454.70	1262.60	6.78
848	280.57	760.02	138.13	847	2.72	-1190.70	1357.60	7.18	848	0.64	-1361.30	1309.60	8.78	849	-1.39	-1533.60	1261.00	10.33
851	277.60	762.66	138.67	850	2.73	-1130.70	1379.40	7.65	851	1.90	-1389.40	1307.50	9.45	852	1.12	-1647.20	1235.80	11.18
854	274.61	765.27	139.21	853	2.04	-1062.00	1379.30	7.19	854	1.65	-1416.70	1281.80	9.75	855	1.34	-1774.10	1183.40	12.22
857	271.59	767.85	139.75	856	2.85	-998.30	1343.70	6.76	857	3.35	-1446.30	1222.70	9.40	858	3.95	-1893.20	1101.90	11.92
860	268.55	770.40	140.29	859	0.14	-971.62	1252.30	4.75	860	2.53	-1473.80	1120.70	8.01	861	5.02	-1979.80	987.93	11.15
863	265.48	772.92	140.84	86'	0.57	-1018.30	1090.30	2.59	863	3.98	-1503.60	969.64	5.16	864	7.48	-1986.70	849.57	7.59

ter Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

				Outside Nodes					Middle Nodes					Inside Nodes				
ode	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
866	262.39	775.41	141.38	865	-7.65	-1201.70	836.79	-1.97	866	1.90	-1529.20	770.22	0.30	867	11.47	-1861.30	702.22	2.51
869	259.28	777.88	141.92	868	-0.58	-1584.20	495.75	-6.42	869	0.01	-1557.30	535.05	-6.95	870	0.56	-1525.70	575.84	-7.66
872	256.14	780.31	142.46	871	20.42	-1949.10	167.89	2.03	872	5.32	-1565.00	307.42	0.99	873	-9.84	-1185.60	445.68	0.16
875	252.98	782.72	143.00	874	-13.10	-1801.70	14.31	-103.54	875	-10.76	-1465.40	140.44	18.53	876	-39.62	-1150.20	251.40	119.95
878	251.48	783.85	143.26	877	-41.18	-680.63	230.02	-181.71	878	16.95	-659.31	308.60	16.37	879	-20.25	-490.48	404.25	159.07
881	249.98	784.97	143.51	880	13.98	-409.61	210.98	-66.49	881	32.74	-485.44	280.55	2.35	882	15.13	-334.82	408.47	60.16
884	247.27	786.96	143.97	883	-2.21	-485.60	28.37	-2.72	884	-1.54	-450.77	126.77	-0.96	885	-1.20	-396.66	231.66	1.17
887	244.55	788.92	144.43	886	-1.94	-528.28	-140.79	-1.79	887	-0.91	-448.44	-28.21	-3.38	888	-0.24	-378.12	82.19	-4.45
890	241.81	790.87	144.89	889	-0.36	-582.03	-313.73	-6.22	890	1.30	-455.45	-186.86	-7.06	891	2.55	-323.18	-57.53	-7.36
893	239.05	792.79	145.34	892	-3.06	-673.23	-498.93	-9.78	893	-0.57	-455.52	-345.11	-12.13	894	1.41	-237.60	-190.40	-13.79
896	236.28	794.69	145.80	895	0.05	-804.74	-692.20	-15.49	896	2.62	-456.13	-500.95	-18.51	897	4.57	-103.20	-307.45	-20.67
899	233.49	796.57	146.26	898	-12.93	-992.30	-901.92	-21.98	899	-7.63	-452.14	-656.04	-26.33	900	-3.15	85.90	-409.68	-29.55
902	230.69	798.42	146.72	901	19.00	-1235.40	-1105.00	-49.31	902	16.41	-438.24	-791.67	-34.17	903	13.40	339.90	-482.40	-18.31
905	225.89	801.86	147.52	904	29.13	-1461.70	-1392.10	-71.90	905	27.69	-413.43	-1023.70	-31.16	906	24.65	593.09	-666.45	9.58
908	221.39	805.68	148.32	907	31.09	-1531.60	-1596.40	-56.19	908	27.58	-396.59	-1226.40	-13.13	909	22.13	690.24	-869.41	29.63
911	217.22	809.87	149.09	910	24.98	-1407.40	-1686.20	-40.00	911	26.65	-380.74	-1368.60	-1.82	912	26.79	603.18	-1062.40	35.97
914	213.41	814.38	149.85	913	17.07	-1177.10	-1677.30	-26.05	914	20.88	-365.00	-1439.80	3.33	915	23.57	412.68	-1211.30	32.25
917	209.99	819.19	150.57	916	8.72	-917.35	-1596.10	-16.33	917	14.53	-350.47	-1441.40	3.37	918	19.70	192.67	-1293.00	22.65
920	206.97	824.26	151.25	919	1.76	-687.24	-1470.00	-11.51	920	8.29	-336.99	-1384.60	-0.06	921	14.59	-2.01	-1303.50	11.03
923	204.38	829.57	151.89	922	-2.65	-521.43	-1323.00	-10.97	923	4.00	-325.39	-1284.40	-5.21	924	10.68	-137.42	-1248.20	0.30
926	202.23	835.08	152.48	925	-4.17	-431.79	-1170.40	-13.63	926	1.46	-315.04	-1154.20	-10.34	927	7.20	-204.08	-1139.80	-7.28
929	200.55	840.74	153.01	928	-3.36	-403.81	-1015.40	-16.71	929	1.16	-306.51	-1002.40	-13.75	930	5.75	-212.50	-990.36	-10.92
932	199.34	846.52	153.48	931	0.02	-407.30	-851.29	-18.35	932	1.67	-299.40	-832.15	-14.28	933	3.15	-197.21	-814.72	-10.42
935	198.61	852.38	153.90	934	-0.66	-394.30	-665.91	-14.25	935	0.88	-297.26	-645.50	-10.89	936	2.26	-202.13	-625.61	-7.58
938	198.37	858.28	154.25	937	2.55	-357.58	-457.54	4.50	938	6.06	-313.31	-447.35	-0.70	939	10.24	-203.10	-417.05	-12.21
941	198.31	858.78	154.28	940	12.31	-326.66	-428.02	63.47	941	24.25	-335.38	-430.91	3.09	942	12.77	-159.07	-385.16	-35.51
944	198.32	860.78	154.39	943	-22.94	-531.03	-430.66	139.43	944	15.97	-453.58	-398.01	-14.49	945	-10.21	-270.27	-352.95	-95.58
947	198.32	862.78	154.50	946	-37.49	-1381.40	-616.87	95.99	947	-26.24	-1102.30	-530.76	-0.34	948	-34.72	-894.79	-471.95	-75.05
950	198.32	863.78	154.55	949	10.56	-1460.10	-583.98	17.64	950	7.70	-1205.90	-509.72	14.19	951	4.74	-987.11	-445.96	10.74
953	198.32	864.78	154.61	952	-0.68	-1324.10	-501.34	9.74	953	1.69	-1220.10	-470.44	11.72	954	4.01	-1093.70	-432.80	13.71
956	198.32	865.78	154.66	955	-3.04	-1232.60	-427.80	10.43	956	-2.31	-1211.10	-422.02	9.47	957	-1.58	-1201.90	-419.93	8.46
959	198.32	866.78	154.71	958	0.55	-1147.80	-354.31	6.92	959	1.52	-1215.50	-375.08	7.46	960	2.53	-1276.60	-393.94	8.01
962	198.32	867.78	154.76	961	-1.75	-1087.40	-290.83	5.95	962	-0.94	-1212.60	-328.81	5.69	963	-0.07	-1341.40	-367.91	5.43
965	198.32	868.83	154.82	964	-0.34	-1038.20	-229.30	3.93	965	0.34	-1213.50	-282.23	4.07	966	1.10	-1387.40	-334.83	4.21
968	198.32	869.88	154.87	967	-0.94	-1004.70	-175.87	2.76	968	-0.35	-1212.50	-238.50	2.69	969	0.35	-1421.30	-301.47	2.63
971	198.32	870.93	154.93	970	-0.52	-982.79	-128.94	1.49	971	-0.04	-1212.40	-198.02	1.54	972	0.54	-1441.80	-267.17	1.59

ster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
974	198.32	871.98	154.98	973	-0.54	-971.63	-88.99	0.62	974	-0.16	-1211.90	-161.23	0.59	975	0.33	-1452.30	-233.62	0.56
977	198.32	873.03	155.04	976	-0.45	-968.92	-55.35	-0.21	977	-0.17	-1211.50	-128.22	-0.17	978	0.24	-1454.40	-201.32	-0.13
980	198.32	874.08	155.09	979	-0.37	-972.67	-27.49	-0.71	980	-0.17	-1211.20	-99.14	-0.77	981	0.14	-1449.40	-170.76	-0.83
983	198.32	875.13	155.15	982	0.15	-982.21	-5.01	-1.32	983	0.32	-1210.50	-73.52	-1.23	984	0.60	-1439.70	-142.43	1.13
986	198.32	876.18	155.20	985	-0.14	-989.52	14.29	-2.00	986	-0.16	-1204.70	-50.31	-1.56	987	-0.07	-1420.10	-115.07	1.11
989	198.32	877.23	155.25	988	-0.87	-999.48	29.25	-1.85	989	-0.48	-1199.00	-30.50	-1.76	990	0.01	-1397.60	-90.05	-1.68
992	198.32	878.28	155.31	991	-0.08	-1022.80	37.73	-1.81	992	-0.24	-1198.10	-14.86	-1.89	993	-0.33	-1374.30	-67.83	-1.97
995	198.32	880.55	155.42	994	-0.50	-1056.50	50.98	-1.91	995	-0.24	-1197.60	8.79	-1.92	996	0.08	-1338.70	-33.47	-1.93
998	198.32	882.81	155.53	997	0.14	-1093.70	52.82	-1.72	998	-0.18	-1196.60	21.94	-1.73	999	-0.46	-1299.60	-9.02	-1.75
1001	198.32	885.08	155.64	1000	0.14	-1126.20	48.35	-1.43	1001	-0.11	-1195.70	27.52	-1.44	1002	-0.32	-1265.10	6.65	-1.45
1004	198.32	887.34	155.75	1003	0.20	-1152.40	40.71	-1.11	1004	-0.08	-1194.70	28.01	-1.12	1005	-0.34	-1237.10	15.27	-1.13
1007	198.32	889.61	155.86	1006	0.21	-1172.00	31.95	-0.81	1007	-0.03	-1193.80	25.41	-0.81	1008	-0.26	-1215.50	18.86	-0.81
1010	198.32	891.88	155.97	1009	0.19	-1185.70	23.41	-0.54	1010	-0.02	-1192.90	21.23	-0.54	1011	-0.21	-1200.10	19.04	-0.55
1013	198.32	894.14	156.08	1012	0.17	-1194.20	15.90	-0.32	1013	0.01	-1192.00	16.54	-0.33	1014	-0.15	-1189.80	17.18	-0.33
1016	198.32	896.41	156.19	1015	0.12	-1198.60	9.76	-0.16	1016	0.01	-1191.10	12.02	-0.16	1017	-0.11	-1183.50	14.28	-0.17
1019	198.32	898.67	156.29	1018	0.09	-1200.20	5.08	-0.05	1019	0.02	-1190.20	8.07	-0.05	1020	-0.06	-1180.20	11.06	-0.05
1022	198.32	900.94	156.40	1021	0.06	-1199.70	1.74	0.02	1022	0.02	-1189.30	4.86	0.02	1023	-0.03	-1178.90	7.97	0.02
1025	198.32	903.20	156.50	1024	0.04	-1198.00	-0.45	0.06	1025	0.02	-1188.40	2.41	0.06	1026	-0.01	-1178.80	5.29	0.06
1028	198.32	905.47	156.61	1027	0.02	-1195.70	-1.75	0.08	1028	0.01	-1187.50	0.68	0.08	1029	0.00	-1179.40	3.12	0.08
1031	198.32	907.73	156.71	1030	0.01	-1193.10	-2.39	0.08	1031	0.01	-1186.70	-0.45	0.08	1032	0.01	-1180.20	1.49	0.08
1034	198.32	910.00	156.81	1033	-0.00	-1190.60	-2.58	0.07	1034	0.01	-1185.80	-1.11	0.07	1035	0.02	-1180.90	0.36	0.07
1037	198.32	912.27	156.91	1036	-0.01	-1188.40	-2.47	0.06	1037	0.01	-1184.90	-1.41	0.06	1038	0.02	-1181.30	-0.35	0.06
1040	198.32	914.53	157.01	1039	-0.01	-1186.50	-2.21	0.04	1040	0.00	-1184.00	-1.45	0.04	1041	0.02	-1181.50	-0.69	0.04
1043	198.32	916.80	157.11	1042	-0.01	-1185.00	-1.86	0.02	1043	0.00	-1183.10	-1.31	0.02	1044	0.02	-1181.30	-0.75	0.02
1046	198.32	919.06	157.21	1045	-0.01	-1183.70	-1.47	0.01	1046	0.00	-1182.20	-1.03	0.01	1047	0.01	-1180.80	-0.58	0.01
1049	198.32	921.33	157.31	1048	-0.00	-1182.70	-1.05	0.00	1049	0.00	-1181.30	-0.64	0.00	1050	0.01	-1180.00	-0.24	0.00
1052	198.32	923.59	157.41	1051	0.00	-1181.80	-0.57	-0.00	1052	0.00	-1180.50	-0.16	-0.00	1053	0.00	-1179.10	0.25	-0.00
1055	198.32	925.86	157.50	1054	0.01	-1181.00	0.01	-0.00	1055	0.00	-1179.60	0.43	-0.00	1056	-0.00	-1178.20	0.85	-0.00
1058	198.32	928.13	157.60	1057	0.01	-1180.00	0.71	0.01	1058	0.00	-1178.70	1.12	0.01	1059	-0.01	-1177.30	1.52	0.01
1061	198.32	930.39	157.69	1060	0.02	-1178.80	1.61	0.02	1061	0.00	-1177.80	1.91	0.02	1062	-0.02	-1176.80	2.21	0.02
1064	198.32	932.66	157.79	1063	0.03	-1177.10	2.72	0.05	1064	0.00	-1176.90	2.77	0.05	1065	-0.03	-1176.70	2.83	0.05
1067	198.32	934.92	157.88	1066	0.03	-1174.70	4.04	0.09	1067	-0.00	-1176.00	3.66	0.09	1068	-0.04	-1177.30	3.27	0.09
1070	198.32	937.19	157.97	1069	0.04	-1171.50	5.55	0.13	1070	-0.01	-1175.10	4.45	0.13	1071	-0.05	-1178.80	3.35	0.13
1073	198.32	939.45	158.06	1072	0.04	-1167.20	7.10	0.19	1073	-0.01	-1174.30	4.98	0.19	1074	-0.06	-1181.30	2.85	0.19
1076	198.32	941.72	158.16	1075	0.03	-1161.70	8.49	0.24	1076	-0.02	-1173.40	4.99	0.25	1077	-0.07	-1185.00	1.48	0.25
1079	198.32	943.98	158.25	1078	-0.01	-1155.10	9.36	0.30	1079	-0.03	-1172.50	4.15	0.30	1080	-0.05	-1189.90	-1.08	0.30

Oyster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
1082	198.32	946.25	158.34	1081	-0.01	-1147.80	9.16	0.33	1082	-0.04	-1171.70	2.01	0.34	1083	-0.05	-1195.50	-5.15	0.34
1085	198.32	948.25	158.41	1084	-0.06	-1140.60	7.77	0.34	1085	-0.04	-1170.90	-1.31	0.34	1086	-0.01	-1201.10	-10.40	0.34
1088	198.32	950.25	158.49	1087	-0.09	-1133.90	4.48	0.30	1088	-0.05	-1170.10	-6.36	0.31	1089	-0.00	-1206.30	-17.23	0.31
1091	198.32	952.25	158.57	1090	-0.16	-1128.50	-1.29	0.21	1091	-0.05	-1169.30	-13.50	0.21	1092	6.08	-1210.10	-25.73	0.21
1094	198.32	954.25	158.65	1093	-0.21	-1125.90	-10.20	0.03	1094	-0.09	-1168.50	-22.99	0.03	1095	0.06	-1211.20	-35.82	0.03
1097	198.32	956.25	158.72	1096	-0.20	-1126.60	-22.60	-0.26	1097	-0.03	-1167.80	-35.00	-0.27	1098	0.15	-1209.10	-47.39	-0.28
1100	198.32	957.20	158.76	1099	-0.10	-1129.70	-30.19	-0.46	1100	-0.05	-1167.30	-41.53	-0.45	1101	0.01	-1205.00	-52.93	-0.44
1103	198.32	958.16	158.79	1102	-0.07	-1134.30	-38.69	-0.65	1103	0.05	-1167.00	-48.55	-0.67	1104	0.19	-1199.50	-58.37	-0.69
1106	198.32	959.11	158.83	1105	-0.28	-1141.30	-48.39	-0.96	1106	-0.16	-1166.50	-56.02	-0.92	1107	-0.03	-1192.10	-63.81	-0.88
1109	198.32	960.06	158.87	1108	0.14	-1150.10	-58.79	-1.12	1109	0.29	-1166.40	-63.79	-1.21	1110	0.45	-1181.80	-68.49	-1.29
1112	198.32	961.01	158.90	1111	-0.76	-1162.80	-70.97	-1.70	1112	-0.60	-1165.30	-71.82	-1.53	1113	-0.44	-1169.90	-73.31	-1.37
1115	198.32	961.97	158.94	1114	0.91	-1176.20	-82.62	-1.54	1115	1.14	-1166.50	-79.84	-1.90	1116	1.35	-1152.50	-75.74	-2.25
1118	198.32	962.92	158.97	1117	-1.99	-1197.80	-98.00	-3.01	1118	-1.90	-1162.90	-87.67	-2.30	1119	-1.81	-1136.60	-79.96	-1.59
1121	198.32	963.87	159.01	1120	1.74	-1213.70	-109.73	-1.30	1121	2.38	-1168.90	-95.82	-2.74	1122	2.98	-1107.20	-77.33	-4.19
1124	198.32	964.82	159.04	1123	2.23	-1251.30	-127.32	-5.94	1124	1.08	-1156.90	-99.55	-3.21	1125	-0.10	-1092.00	-80.62	-0.48
1127	198.32	965.78	159.08	1126	-26.48	-1381.40	-180.84	-41.27	1127	-23.40	-1052.30	-81.43	-3.73	1128	-20.40	-1169.80	-115.90	33.93
1130	198.32	965.88	159.08	1129	18.81	-1494.10	-201.58	-55.60	1130	14.15	-1032.00	-64.66	0.99	1131	12.49	-584.59	68.97	35.77
1133	198.32	966.25	159.10	1132	46.48	-1525.50	-204.05	-6.24	1133	0.95	-1090.90	-87.70	-7.44	1134	-39.98	-256.40	150.53	-3.59
1136	198.32	966.63	159.11	1135	20.75	-1524.80	-211.69	44.38	1136	33.64	-1036.50	-61.67	-8.06	1137	57.77	-558.85	88.69	-36.73
1139	198.32	966.73	159.11	1138	-20.63	-1426.20	-194.45	36.36	1139	-18.57	-1056.80	-83.24	4.47	1140	-16.61	-1105.90	-97.49	-27.52
1142	198.32	967.73	159.15	1141	1.18	-1297.00	-146.28	6.40	1142	0.31	-1154.30	-103.97	3.91	1143	-0.62	-1039.00	-69.84	1.42
1145	198.32	968.73	159.19	1144	1.86	-1251.70	-127.74	2.04	1145	2.46	-1164.70	-101.72	3.39	1146	3.03	-1061.90	-70.89	4.74
1148	198.32	969.73	159.22	1147	-2.02	-1227.80	-115.69	3.58	1148	-1.87	-1158.30	-94.99	2.90	1149	-1.74	-1097.20	-76.80	2.21
1151	198.32	970.73	159.26	1150	0.91	-1199.20	-99.22	2.08	1151	1.17	-1161.10	-87.91	2.43	1152	1.41	-1118.60	-75.26	2.79
1154	198.32	971.73	159.30	1153	-0.83	-1179.60	-86.30	2.18	1154	-0.63	-1159.10	-80.25	2.01	1155	-0.44	-1140.80	-74.87	1.84
1157	198.32	972.73	159.33	1156	0.18	-1161.30	-72.66	1.54	1157	0.36	-1159.60	-72.24	1.62	1158	0.55	-1156.60	-71.45	1.71
1160	198.32	973.73	159.37	1159	-0.39	-1147.80	-60.90	1.30	1160	-0.24	-1158.70	-64.26	1.28	1161	-0.09	-1170.40	-67.88	1.26
1163	198.32	974.73	159.40	1162	0.03	-1136.30	-49.64	1.00	1163	0.19	-1158.70	-56.42	0.98	1164	0.36	-1180.30	-62.97	0.96
1166	198.32	975.73	159.44	1165	-0.25	-1128.40	-39.98	0.64	1166	-0.22	-1157.80	-48.88	0.71	1167	-0.18	-1188.40	-58.15	0.79
1169	198.32	976.73	159.47	1168	-0.17	-1121.40	-30.84	0.41	1169	0.08	-1157.50	-41.68	0.48	1170	0.35	-1194.20	-52.70	0.54
1172	198.32	978.93	159.55	1171	-0.25	-1116.40	-15.93	0.05	1172	-0.09	-1156.80	-28.04	0.09	1173	0.08	-1197.70	-40.32	0.13
1175	198.32	981.13	159.63	1174	-0.50	-1115.60	-5.21	-0.11	1175	-0.33	-1156.20	-17.35	-0.16	1176	-0.14	-1196.20	-29.34	-0.22
1178	198.32	983.33	159.71	1177	1.28	-1119.50	1.91	-0.37	1178	1.35	-1155.00	-8.73	-0.30	1179	1.44	-1191.20	-19.58	-0.23
1181	198.32	985.53	159.78	1180	-0.04	-1111.50	9.17	-0.95	1181	-0.05	-1140.70	0.40	-0.37	1182	-0.04	-1170.00	-8.38	0.20
1184	198.32	987.73	159.86	1183	-1.37	-1103.50	14.38	-0.36	1184	-1.45	-1126.50	7.50	-0.30	1185	-1.51	-1148.70	0.81	-0.23
1187	198.32	989.94	159.93	1186	0.33	-1108.00	15.21	-0.14	1187	0.24	-1125.30	10.03	-0.20	1188	0.15	-1143.10	4.67	-0.25

yster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
1190	198.32	992.14	160.01	1189	0.09	-1109.80	15.08	-0.12	1190	-0.01	-1124.70	10.60	-0.08	1191	-0.10	-1139.10	6.25	-0.04
1193	198.32	994.34	160.08	1192	0.01	-1109.60	14.55	0.07	1193	-0.09	-1123.60	10.34	0.04	1194	-0.18	-1138.00	6.02	0.00
1196	198.32	996.54	160.16	1195	0.12	-1106.80	13.90	0.12	1196	0.04	-1122.90	9.06	0.14	1197	-0.03	-1138.80	4.30	0.17
1199	198.32	998.74	160.23	1198	-0.02	-1102.20	12.59	0.25	1199	-0.09	-1121.90	6.69	0.23	1200	-0.14	-1141.80	0.71	0.22
1202	198.32	1000.94	160.30	1201	0.03	-1096.10	10.47	0.27	1202	0.00	-1121.20	2.95	0.29	1203	-0.02	-1146.10	-4.55	0.30
1205	198.32	1003.15	160.37	1204	-0.10	-1089.50	6.68	0.30	1205	-0.08	-1120.20	-2.54	0.29	1206	-0.06	-1151.10	-11.82	0.29
1208	198.32	1005.35	160.45	1207	-0.13	-1083.50	0.60	0.22	1208	-0.03	-1119.40	-10.17	0.23	1209	0.09	-1155.30	-20.93	0.24
1211	198.32	1007.55	160.52	1210	-0.24	-1080.10	-8.79	0.07	1211	-0.11	-1118.50	-20.31	0.06	1212	0.04	-1157.10	-31.88	0.06
1214	198.32	1009.75	160.59	1213	-0.19	-1080.30	-21.93	-0.22	1214	-0.01	-1117.80	-33.19	-0.24	1215	0.18	-1155.40	-44.48	-0.25
1217	198.32	1010.70	160.62	1216	-0.12	-1083.00	-29.26	-0.41	1217	-0.08	-1117.20	-39.58	-0.42	1218	-0.02	-1151.70	-49.98	-0.42
1220	198.32	1011.66	160.65	1219	-0.05	-1087.20	-37.42	-0.61	1220	0.07	-1117.00	-46.39	-0.62	1221	0.20	-1146.40	-55.30	-0.64
1223	198.32	1012.61	160.68	1222	-0.28	-1093.70	-46.74	-0.90	1223	-0.16	-1116.40	-53.61	-0.86	1224	-0.04	-1139.60	-60.65	-0.83
1226	198.32	1013.56	160.71	1225	0.14	-1102.00	-56.70	-1.06	1226	0.28	-1116.40	-61.10	-1.14	1227	0.43	-1129.80	-65.22	-1.22
1229	198.32	1014.51	160.74	1228	-0.73	-1114.00	-68.35	-1.61	1229	-0.58	-1115.30	-68.83	-1.45	1230	-0.42	-1118.60	-69.93	-1.29
1232	198.32	1015.47	160.77	1231	0.87	-1126.60	-79.48	-1.46	1232	1.09	-1116.40	-76.53	-1.80	1233	1.30	-1102.10	-72.32	-2.14
1235	198.32	1016.42	160.80	1234	-1.99	-1147.20	-94.17	-2.87	1235	-1.81	-1112.90	-84.04	-2.19	1236	-1.73	-1087.00	-76.41	-1.50
1238	198.32	1017.37	160.83	1237	1.66	-1162.20	-104.88	-1.23	1238	2.27	-1118.60	-91.85	-2.61	1239	2.85	-1059.00	-73.96	-3.99
1241	198.32	1018.32	160.86	1240	2.15	-1198.00	-122.13	-5.66	1241	1.05	-1107.10	-95.41	-3.06	1242	-0.08	-1044.50	-77.14	-0.65
1244	198.32	1019.28	160.89	1243	-25.39	-1322.30	-173.32	-39.52	1244	-22.44	-1007.10	-78.09	-3.56	1245	-19.56	-1119.10	-110.91	32.52
1247	198.32	1019.38	160.89	1246	17.91	-1430.40	-193.22	-53.35	1247	13.18	-987.69	-62.14	0.81	1248	11.10	-559.10	65.73	34.15
1250	198.32	1019.75	160.9[illegible]	1249	44.39	-1461.10	-195.78	-6.25	1250	0.76	-1044.10	-84.12	-7.44	1251	-38.38	-245.00	144.01	-3.59
1253	198.32	1020.13	160.91	1252	19.85	-1461.10	-203.26	42.11	1253	32.66	-992.16	-59.07	-7.89	1254	56.38	-533.35	85.53	-35.11
1256	198.32	1020.23	160.92	1255	-19.58	-1367.30	-186.87	34.61	1256	-17.63	-1011.60	-79.80	4.29	1257	-15.78	-1055.10	-92.41	-26.13
1259	198.32	1021.23	160.95	1258	1.10	-1243.90	-140.87	6.13	1259	0.27	-1104.50	-99.55	3.75	1260	-0.61	-991.40	-66.04	1.37
1262	198.32	1022.23	160.98	1261	1.78	-1200.40	-123.01	1.96	1262	2.36	-1114.50	-97.30	3.25	1263	2.89	-1013.40	-66.99	4.55
1265	198.32	1023.23	161.01	1264	-1.93	-1177.50	-111.32	3.44	1265	-1.78	-1108.30	-90.73	2.78	1266	-1.66	-1047.20	-72.53	2.12
1268	198.32	1024.23	161.04	1267	0.87	-1150.00	-95.38	2.00	1268	1.11	-1111.00	-83.80	2.34	1269	1.34	-1067.80	-70.93	2.68
1271	198.32	1025.23	161.07	1270	-0.77	-1131.10	-82.76	2.10	1271	-0.58	-1109.10	-76.26	1.94	1272	-0.41	-1089.10	-70.38	1.77
1274	198.32	1026.23	161.10	1273	0.13	-1113.40	-69.46	1.48	1274	0.31	-1109.50	-68.36	1.57	1275	0.49	-1104.50	-66.95	1.66
1277	198.32	1027.23	161.13	1276	-0.30	-1100.20	-57.82	1.28	1277	-0.16	-1108.70	-60.46	1.25	1278	-0.02	-1117.80	-63.26	1.21
1280	198.32	1028.23	161.16	1279	-0.10	-1089.20	-46.81	0.94	1280	0.06	-1108.50	-52.66	0.96	1281	0.23	-1127.60	-58.44	0.98
1283	198.32	1029.23	161.19	1282	-0.02	-1081.00	-36.94	0.72	1283	-0.03	-1108.00	-45.14	0.71	1284	-0.02	-1135.20	-53.40	0.71
1286	198.32	1030.23	161.22	1285	-0.32	-1073.60	-27.76	0.48	1286	-0.65	-1107.60	-37.94	0.50	1287	0.23	[illegible]1.50	-48.12	0.52
1289	198.32	1032.65	161.29	1288	-0.20	-1067.70	-11.03	0.12	1289	-0.07	-1106.80	-22.76	0.12	1290	0.08	[illegible]90	-34.52	0.13
1292	198.32	1035.08	161.36	1291	-0.22	-1065.60	1.13	-0.07	1292	-0.08	-1105.80	-10.91	-0.08	1293	0.09	[illegible]	-22.97	-0.08
1295	198.32	1037.51	161.44	1294	-0.09	-1066.90	8.92	-0.15	1295	-0.08	-1104.90	-2.47	-0.15	1296	-0.04	-114[illegible]	-13.90	-0.15

Oyster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
1298	198.32	1039.94	161.51	1297	-0.05	-1069.00	13.20	-0.14	1298	-0.08	-1103.90	2.74	-0.15	1299	-0.09	-1138.80	-7.74	-0.15
1301	198.32	1042.36	161.58	1300	0.06	-1070.70	14.71	-0.10	1301	0.00	-1103.00	5.04	-0.09	1302	-0.04	-1135.30	-4.66	-0.09
1304	198.32	1044.79	161.65	1303	-0.00	-1070.60	14.00	-0.06	1304	-0.06	-1101.40	4.76	-0.03	1305	-0.09	-1132.20	-4.50	-0.01
1307	198.32	1047.22	161.72	1306	-0.10	-1069.30	11.02	0.01	1307	-0.13	-1099.80	1.88	0.01	1308	-0.14	-1130.30	-7.28	0.02
1310	198.32	1049.65	161.78	1309	-0.09	-1068.40	5.40	0.01	1310	-0.04	-1098.90	-3.72	0.01	1311	0.03	-1129.30	-12.86	0.00
1313	198.32	1052.07	161.85	1312	-0.14	-1068.70	-3.18	-0.09	1313	-0.08	-1097.90	-11.94	-0.08	1314	-0.01	-1127.10	-20.71	-0.08
1316	198.32	1054.50	161.92	1315	-0.18	-1071.10	-14.89	-0.29	1316	-0.03	-1097.10	-22.70	-0.30	1317	0.13	-1123.00	-30.48	-0.30
1319	198.32	1055.47	161.95	1318	-0.03	-1074.60	-20.92	-0.44	1319	-0.04	-1096.50	-27.56	-0.42	1320	-0.04	-1118.60	-34.23	-0.41
1322	198.32	1056.43	161.97	1321	-0.04	-1078.70	-27.43	-0.55	1322	0.05	-1096.20	-32.73	-0.57	1323	0.15	-1113.60	-37.98	-0.59
1325	198.32	1057.40	162.00	1324	-0.23	-1084.40	-34.73	-0.78	1325	-0.15	-1095.70	-38.14	-0.74	1326	-0.06	-1107.40	-41.71	-0.71
1328	198.32	1058.36	162.03	1327	0.18	-1091.40	-42.35	-0.86	1328	0.28	-1095.60	-43.69	-0.94	1329	0.39	-1098.90	-44.74	-1.02
1331	198.32	1059.33	162.05	1330	-0.67	-1101.30	-51.31	-1.33	1331	-0.56	-1094.50	-49.34	-1.17	1332	-0.46	-1089.70	-47.97	-1.01
1334	198.32	1060.29	162.08	1333	0.90	-1111.20	-59.43	-1.09	1334	1.07	-1095.70	-54.85	-1.42	1335	1.23	-1076.00	-49.03	-1.76
1337	198.32	1061.26	162.11	1336	-1.78	-1128.00	-70.71	-2.37	1337	-1.74	-1092.20	-60.09	-1.70	1338	-1.71	-1064.50	-51.90	-1.03
1340	198.32	1062.22	162.13	1339	1.55	-1138.60	-77.87	-0.68	1340	2.09	-1097.70	-65.61	-2.01	1341	2.61	-1041.30	-48.67	-3.34
1343	198.32	1063.19	162.16	1342	2.56	-1168.30	-90.84	-4.82	1343	1.42	-1086.70	-66.88	-2.33	1344	0.25	-1032.10	-50.95	0.17
1346	198.32	1064.15	162.19	1345	-26.18	-1287.00	-138.55	-39.46	1346	-23.09	-987.53	-47.92	-2.69	1347	-20.08	-1110.50	-83.97	34.19
1349	198.32	1064.25	162.19	1348	16.99	-1368.10	-150.16	-54.42	1349	4.86	-994.91	-42.08	-3.12	1350	-11.69	-541.78	88.90	31.44
1352	198.32	1064.50	162.19	1351	72.06	-1368.40	-134.18	-5.55	1352	39.66	-1078.80	-57.31	-7.54	1353	-1.87	-224.52	186.60	-4.04
1355	198.32	1064.75	162.20	1354	16.58	-1384.90	-155.74	43.42	1355	27.09	-1000.10	-37.41	-4.15	1356	49.27	-525.65	111.49	-32.81
1358	198.32	1064.85	162.20	1357	-20.05	-1315.00	-145.73	34.09	1358	-18.14	-992.02	-48.40	3.24	1359	-16.30	-1066.40	-70.23	-27.72
1361	198.32	1065.85	162.23	1360	1.24	-1198.60	-102.09	5.20	1361	0.44	-1084.60	-68.31	2.86	1362	-5.40	-996.47	-42.22	0.51
1364	198.32	1066.85	162.26	1363	1.81	-1162.90	-87.43	1.25	1364	2.28	-1094.40	-66.92	2.52	1365	2.71	-1011.00	-41.87	3.79
1367	198.32	1067.85	162.28	1366	-1.84	-1146.10	-78.65	2.84	1367	-1.76	-1088.30	-61.42	2.19	1368	-1.70	-1038.50	-46.57	1.54
1370	198.32	1068.85	162.31	1369	0.93	-1123.50	-65.40	1.56	1370	1.11	-1091.00	-55.73	1.90	1371	1.26	-1054.30	-44.79	2.23
1373	198.32	1069.85	162.34	1372	-0.72	-1108.10	-55.17	1.79	1373	-0.60	-1089.00	-49.53	1.63	1374	-0.49	-1072.10	-44.52	1.48
1376	198.32	1070.85	162.36	1375	0.24	-1092.60	-43.88	1.33	1376	0.36	-1089.50	-43.00	1.40	1377	0.47	-1085.20	-41.76	1.47
1379	198.32	1071.85	162.39	1378	-0.32	-1080.50	-34.01	1.21	1379	-0.25	-1088.60	-36.48	1.20	1380	-0.17	-1097.50	-39.22	1.19
1382	198.32	1072.85	162.42	1381	0.09	-1069.20	-24.20	1.06	1382	0.20	-1088.70	-30.07	1.03	1383	0.32	-1107.20	-35.66	1.00
1385	198.32	1073.85	162.44	1384	-0.07	-1060.30	-15.57	0.80	1385	-0.17	-1087.70	-23.86	0.90	1386	-0.25	-1116.50	-32.58	0.99
1388	198.32	1074.85	162.47	1387	-0.41	-1049.70	-6.81	0.70	1388	-0.26	-1087.40	-18.11	0.78	1389	-0.09	-1125.90	-29.65	0.87
1391	198.32	1077.07	162.53	1390	0.99	-1036.30	8.05	0.59	1391	0.91	-1086.70	-7.10	0.64	1392	0.84	-1137.70	-22.43	0.70
1394	198.32	1079.28	162.59	1393	-0.11	-1012.70	21.64	0.20	1394	-0.11	-1076.60	2.48	0.60	1395	-0.07	-1140.60	-16.71	1.01
1397	198.32	1081.50	162.64	1396	-1.01	-988.73	30.90	0.63	1397	-1.11	-1066.50	7.58	0.69	1398	-1.17	-1143.80	-15.65	0.74
1400	198.32	1083.71	162.70	1399	0.09	-973.15	32.81	0.80	1400	0.03	-1065.40	5.15	0.77	1401	0.02	-1158.10	-22.70	0.73
1403	198.32	1085.93	162.76	1402	-0.19	-956.45	28.15	0.75	1403	-0.17	-1064.80	-4.32	0.78	1404	-0.10	-1172.80	-36.76	0.81

yster Creek Drywell with Sand - Unit Load Case No. 3 (Gravity 2 - refueling)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXZ (psi)
1406	198.32	1088.14	162.81	1405	-0.43	-941.59	15.35	0.67	1406	-0.25	-1063.80	-21.26	0.65	1407	-0.00	-1186.30	-58.02	0.63
1409	198.32	1090.36	162.87	1408	-0.54	-931.99	-7.60	0.26	1409	-0.18	-1063.00	-46.86	0.28	1410	0.24	-1194.00	-86.16	0.30
1412	198.32	1092.57	162.92	1411	-1.14	-934.07	-43.44	-0.41	1412	-0.25	-1062.10	-81.71	-0.42	1413	0.71	-1190.30	-120.10	-0.44
1415	198.32	1094.79	162.98	1414	-0.70	-955.44	-93.83	-1.57	1415	-0.18	-1061.20	-125.64	-1.57	1416	0.40	-1167.00	-157.50	-1.57
1418	198.32	1097.00	163.03	1417	-1.34	-994.04	-157.30	-3.26	1418	-0.12	-1060.40	-177.20	-3.27	1419	1.12	-1126.60	-197.05	-3.29
1421	198.32	1098.00	163.06	1420	0.12	-1036.00	-194.58	-4.27	1421	0.00	-1059.80	-202.17	-4.25	1422	-0.10	-1083.50	-209.75	-4.22
1424	198.32	1099.00	163.08	1423	-0.69	-1080.70	-233.61	-5.28	1424	0.06	-1059.40	-227.47	-5.33	1425	0.79	-1037.90	-221.27	-5.38
1427	198.32	1100.00	163.11	1426	-0.69	-1136.30	-275.35	-6.57	1427	-0.10	-1058.80	-252.49	-6.54	1428	0.46	-981.79	-229.72	-6.51
1430	198.32	1101.00	163.13	1429	-0.38	-1203.20	-319.33	-7.77	1430	0.38	-1058.80	-276.39	-7.87	1431	1.08	-913.17	-233.04	-7.98
1433	198.32	1102.00	163.15	1432	-1.15	-1284.30	-365.84	-9.48	1433	-0.46	-1057.50	-298.28	-9.33	1434	0.13	-832.71	-231.22	-9.17
1436	198.32	1103.00	163.18	1435	-0.01	-1377.20	-412.08	-10.51	1436	1.23	-1058.60	-316.92	-10.88	1437	2.31	-735.74	-220.29	-11.25
1439	198.32	1104.00	163.20	1438	-1.01	-1489.30	-460.21	-13.15	1439	-1.39	-1055.10	-330.88	-12.52	1440	-1.97	-628.72	-203.70	-11.88
1442	198.32	1105.00	163.23	1441	-3.80	-1609.10	-505.01	-12.90	1442	1.86	-1060.30	-339.58	-14.21	1443	7.24	-496.52	-169.36	-15.52
1445	198.32	1106.00	163.25	1444	19.27	-1757.30	-542.67	-18.19	1445	3.53	-1050.00	-336.13	-15.92	1446	-12.53	-366.87	-136.48	-13.64
1448	198.32	1107.00	163.28	1447	-22.60	-1532.50	-477.94	-80.92	1448	-21.45	-1027.60	-326.82	-9.32	1449	-34.01	-577.68	-196.09	44.19
1451	198.47	1108.25	163.29	1450	-7.52	-601.47	-171.98	-85.88	1451	17.63	-713.78	-198.74	-17.51	1452	24.65	-762.12	-211.83	67.49
1454	198.63	1109.50	163.31	1453	-13.06	-158.25	-19.39	-16.80	1454	1.31	-547.89	-132.30	-27.27	1455	18.42	-883.75	-228.70	19.62
					1	1	1	97		2	5	131	2		3	30	144	99
					-4564.10	-14869.00	-5850.60	-510.96		-2625.00	-6164.10	2862.30	221.02		-687.68	-7964.10	2866.70	660.58

yster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
2	372.83	1224.29	480.85	22.16	209.50	0.19	212.93	504.20	215.94	18.00	209.81	0.22	53.27	206.74	46.55	13.56	210.12	0.16
5	105.43	1096.39	296.44	17.85	206.81	0.59	67.89	506.13	130.46	16.44	207.26	0.55	30.27	118.76	43.04	14.79	207.71	0.50
8	30.08	869.17	252.48	13.50	203.91	0.59	25.90	502.58	131.24	13.14	204.73	0.55	21.90	136.90	39.16	12.64	205.56	0.49
11	16.56	684.26	159.82	10.87	201.25	0.58	16.91	498.85	96.98	10.33	202.27	0.53	17.28	315.71	35.80	9.72	203.31	0.48
14	12.14	544.18	89.33	7.64	198.74	0.57	12.33	496.79	65.86	7.83	199.85	0.53	12.55	447.30	42.33	7.99	200.99	0.48
17	8.55	443.77	30.23	5.64	196.37	0.56	8.58	492.29	33.50	5.71	197.48	0.52	8.64	542.49	39.22	5.80	198.63	0.47
20	5.64	373.69	34.35	3.53	194.09	0.56	5.54	488.94	17.38	3.98	195.16	0.51	5.47	603.37	29.29	4.45	196.24	0.46
23	3.31	330.12	74.17	2.24	191.90	0.55	3.10	484.09	37.98	2.60	192.87	0.50	2.91	639.26	20.98	3.01	193.85	0.46
26	1.58	305.45	106.88	1.03	189.77	0.55	1.28	479.72	62.56	1.54	190.62	0.50	0.99	653.96	25.44	2.11	191.49	0.45
29	0.91	296.03	130.88	0.75	187.70	0.54	0.73	474.53	83.87	0.85	188.43	0.49	0.45	653.98	40.04	1.27	189.16	0.44
32	0.64	296.53	147.69	0.37	185.67	0.53	1.06	469.55	101.12	0.48	186.27	0.48	1.39	642.90	56.56	0.79	186.88	0.44
35	1.12	303.91	158.08	0.53	183.69	0.53	1.56	464.18	114.30	0.42	184.17	0.48	1.99	625.18	71.76	0.41	184.65	0.43
38	1.39	314.96	163.50	0.70	181.75	0.52	1.85	458.92	123.70	0.47	182.12	0.47	2.30	603.27	84.87	0.40	182.50	0.43
41	1.49	327.88	164.80	0.71	179.85	0.51	1.96	453.53	129.73	0.44	180.13	0.47	2.42	579.68	95.32	0.30	180.40	0.42
44	1.46	341.02	163.04	0.68	177.99	0.50	1.93	448.23	132.84	0.47	178.19	0.46	2.39	555.75	103.16	0.35	178.38	0.42
47	1.37	353.58	158.92	0.59	176.17	0.49	1.83	442.96	133.51	0.43	176.30	0.45	2.29	532.62	108.48	0.33	176.44	0.41
50	1.26	365.13	153.08	0.52	174.39	0.49	1.72	437.78	132.20	0.42	174.47	0.45	2.17	510.64	111.58	0.35	174.56	0.41
53	1.20	375.73	145.96	0.44	172.65	0.48	1.63	432.73	129.32	0.41	172.70	0.44	2.08	489.81	112.86	0.38	172.76	0.41
56	1.13	385.64	137.93	0.42	170.95	0.47	1.55	427.76	125.28	0.39	170.99	0.44	1.98	470.08	112.67	0.35	171.03	0.40
59	1.13	395.06	129.36	0.35	169.29	0.46	1.54	423.03	120.43	0.42	169.33	0.43	1.96	450.98	111.57	0.45	169.37	0.40
62	1.22	405.00	120.32	0.45	167.66	0.46	1.62	418.32	115.13	0.42	167.72	0.43	2.03	431.98	109.91	0.37	167.78	0.39
65	1.20	415.09	111.28	0.32	166.04	0.45	1.63	413.83	109.64	0.45	166.15	0.42	2.06	412.57	108.16	0.51	166.25	0.40
68	1.23	425.60	102.52	0.50	164.46	0.44	1.65	409.14	104.35	0.43	164.62	0.42	2.07	393.45	106.42	0.38	164.78	0.39
71	1.41	436.69	94.53	0.31	162.90	0.44	1.82	404.97	99.51	0.56	163.14	0.41	2.22	373.39	105.47	0.70	163.38	0.39
74	1.57	449.97	86.94	0.66	161.36	0.43	1.97	400.42	95.35	0.53	161.70	0.41	2.37	352.58	105.33	0.49	162.03	0.39
77	1.85	464.59	80.43	0.39	159.84	0.42	2.24	396.76	92.15	0.74	160.29	0.41	2.64	329.17	107.32	0.99	160.74	0.38
80	2.06	482.76	74.21	0.97	158.35	0.43	2.46	392.12	90.17	0.82	158.92	0.40	2.85	304.55	110.96	0.73	159.49	0.38
83	2.41	501.89	69.23	0.86	156.85	0.38	2.80	389.10	89.80	1.10	157.57	0.39	3.19	275.95	118.41	1.46	158.28	0.38
86	2.53	525.23	64.32	1.62	155.45	0.60	2.92	383.95	91.66	1.46	156.23	0.50	3.31	247.33	128.13	1.19	157.05	0.39
89	2.77	546.76	60.46	1.96	153.76	0.37	3.16	381.83	96.08	2.13	154.96	0.40	3.54	214.25	143.54	2.38	156.01	0.37
92	4.59	571.47	58.54	2.98	153.42	3.44	3.98	375.59	105.86	2.87	153.46	2.42	3.41	185.77	161.27	2.70	154.12	1.40
95	25.61	481.02	90.64	21.41	147.17	13.39	21.10	339.95	127.73	12.00	139.84	7.74	12.62	227.32	160.00	15.86	139.97	4.44
98	41.59	2[illegible]4.72	154.55	24.37	111.60	36.61	21.29	291.44	146.67	23.07	116.81	22.51	13.51	309.55	147.92	21.01	120.72	7.76
101	3.91	70.[illegible]	206.47	6.74	82.17	7.16	8.58	249.67	158.80	16.10	100.27	8.81	3.36	379.30	128.67	5.83	105.09	5.77
104	1.21	51.89	228.54	1.04	88.18	2.35	1.32	223.06	182.44	0.97	91.31	1.79	1.47	394.88	136.78	1.02	93.90	1.22
107	1.42	63.42	238.40	1.06	88.99	0.23	1.46	220.58	195.62	0.90	90.39	0.25	1.49	380.89	152.70	0.67	91.97	0.23

ster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

iddle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
110	1.55	75.71	245.71	1.15	87.99	0.35	1.59	218.83	206.18	0.98	89.68	0.29	1.62	364.39	166.83	0.79	91.34	0.24
113	1.63	89.38	250.29	1.12	87.35	0.25	1.67	216.60	214.75	1.03	88.89	0.24	1.70	347.29	179.18	0.90	90.46	0.23
116	1.67	103.10	252.96	1.15	86.63	0.27	1.70	214.63	221.45	1.07	88.12	0.25	1.73	329.54	190.05	0.97	89.61	0.23
119	1.70	117.05	253.78	1.13	85.91	0.26	1.73	212.54	226.51	1.10	87.33	0.25	1.75	311.96	199.35	1.06	88.77	0.23
122	1.68	130.76	253.19	1.11	85.16	0.27	1.72	210.54	230.16	1.12	86.54	0.25	1.75	294.61	207.38	1.13	87.93	0.22
125	1.63	144.02	251.56	1.02	84.40	0.27	1.66	208.50	232.67	1.08	85.74	0.25	1.69	278.09	214.13	1.13	87.10	0.22
128	1.52	156.56	248.86	0.93	83.59	0.25	1.56	206.48	234.23	1.02	84.94	0.24	1.58	262.61	220.09	1.11	86.31	0.22
131	2.91	174.50	244.44	0.84	82.75	0.41	2.89	204.50	235.21	0.97	84.12	0.37	2.88	242.61	226.72	1.12	85.51	0.32
134	2.33	194.16	237.69	1.21	80.70	0.52	2.64	199.71	236.21	1.32	82.13	0.51	2.94	216.70	235.83	1.50	83.59	0.50
137	1.41	208.18	232.58	1.22	78.49	0.53	1.66	195.03	237.74	1.33	80.07	0.52	1.90	196.60	244.21	1.52	81.71	0.50
140	1.13	212.15	232.98	1.48	76.20	0.51	1.06	190.52	242.51	1.22	77.95	0.51	1.32	183.50	253.16	1.24	79.78	0.50
143	2.77	203.35	242.96	2.16	73.88	0.51	3.07	186.28	252.24	1.86	75.74	0.52	3.46	177.02	262.09	1.57	77.72	0.51
146	5.91	185.22	266.15	3.09	71.63	0.53	6.62	182.15	266.97	3.00	73.44	0.53	7.37	184.21	267.99	2.90	75.37	0.52
149	10.00	183.12	303.28	4.12	69.59	0.60	11.19	178.23	283.74	4.53	71.06	0.56	12.42	224.41	265.47	4.96	72.61	0.52
152	9.75	220.95	342.43	3.60	66.76	0.71	10.95	173.54	295.89	4.58	67.51	0.58	12.16	294.67	253.03	5.61	68.32	0.47
155	4.76	237.23	351.28	6.41	63.90	0.72	5.24	166.13	294.42	6.27	60.74	0.66	5.20	316.13	242.21	6.13	60.61	0.67
158	11.28	192.49	314.19	5.38	6.26	0.60	12.93	159.70	275.52	4.80	55.39	0.45	14.61	249.63	240.01	4.18	54.60	0.34
161	7.27	158.37	265.22	3.39	55.11	0.38	7.87	156.85	250.67	3.28	53.92	0.34	8.52	178.63	236.92	3.14	52.91	0.30
164	4.50	161.90	224.19	1.95	53.84	0.35	4.85	154.28	224.63	2.10	52.68	0.32	5.25	149.91	225.22	2.24	51.72	0.29
167	2.68	173.35	192.68	1.30	52.62	0.31	2.83	151.84	200.79	1.46	51.64	0.30	3.02	142.22	209.22	1.64	50.83	0.29
170	1.38	181.59	169.87	0.86	51.51	0.28	1.47	149.60	181.09	1.05	50.75	0.28	1.60	141.17	193.24	1.28	50.13	0.29
173	0.54	184.67	154.58	0.99	50.51	0.27	0.46	147.45	166.12	0.81	49.99	0.28	0.42	139.89	179.18	0.97	49.56	0.29
176	0.54	183.51	144.84	1.16	49.64	0.27	0.57	145.43	155.57	0.85	49.33	0.27	0.63	136.07	168.08	0.81	49.07	0.28
179	0.74	180.84	138.66	1.17	48.88	0.27	0.85	143.52	148.72	0.90	48.74	0.27	0.94	130.30	160.47	0.84	48.62	0.27
182	0.87	178.80	134.87	1.13	48.20	0.26	0.97	141.68	144.91	0.89	48.19	0.26	1.06	123.63	156.38	0.80	48.19	0.27
185	0.95	177.62	133.14	1.11	47.60	0.26	1.05	139.91	143.76	0.89	47.69	0.26	1.15	116.48	155.50	0.81	47.78	0.26
188	1.01	176.90	133.62	1.10	47.06	0.25	1.11	138.16	145.16	0.90	47.21	0.26	1.22	109.24	157.44	0.78	47.36	0.26
191	1.11	175.98	136.87	1.12	46.59	0.25	1.22	136.49	149.21	0.93	46.75	0.26	1.33	102.74	162.03	0.87	46.92	0.26
194	0.90	174.46	143.22	1.07	45.82	0.25	1.04	134.57	156.04	0.98	45.96	0.26	1.26	97.81	169.07	0.92	46.12	0.27
197	0.51	171.98	152.73	0.99	45.11	0.25	0.50	132.74	165.74	0.81	45.21	0.25	0.57	95.52	178.97	0.87	45.32	0.25
200	1.03	165.31	166.41	1.28	44.78	0.24	1.08	130.99	178.20	1.07	44.82	0.25	1.15	98.58	190.06	0.85	44.89	0.26
203	2.21	149.30	185.78	1.78	44.48	0.25	2.36	129.42	193.18	1.60	44.47	0.25	2.54	109.93	200.71	1.41	44.50	0.26
206	3.93	122.49	210.87	2.30	44.21	0.25	4.22	127.60	209.71	2.33	44.16	0.25	4.53	134.76	208.50	2.36	44.14	0.26
209	5.90	90.28	241.53	3.05	43.98	0.25	6.37	126.07	225.63	3.26	43.89	0.26	6.86	178.07	210.02	3.47	43.82	0.26
212	8.51	86.10	274.70	3.69	43.78	0.28	9.16	124.21	238.48	4.36	43.68	0.26	9.82	244.88	202.74	5.07	43.58	0.25
215	4.37	104.59	293.30	5.64	43.44	0.29	4.66	114.23	245.03	5.52	43.37	0.26	4.87	273.07	197.58	5.43	43.31	0.23

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
218	7.61	86.00	279.20	3.68	43.14	0.29	8.25	104.35	240.37	3.11	43.13	0.27	8.91	225.60	202.14	2.54	43.15	0.25
221	3.19	59.00	248.89	2.09	43.01	0.24	3.86	102.94	224.99	1.83	43.09	0.24	4.59	173.13	201.52	1.55	43.22	0.23
224	1.60	59.15	233.10	1.58	42.94	0.12	1.62	102.24	216.23	1.45	43.06	0.14	1.66	151.69	199.61	1.31	43.26	0.16
227	1.14	62.08	220.78	0.96	42.87	0.11	1.15	101.35	207.18	1.02	43.06	0.12	1.20	143.06	193.42	1.08	43.29	0.13
230	0.83	63.40	209.70	0.85	42.90	0.22	0.92	100.81	197.62	0.92	43.03	0.19	1.10	139.01	185.49	0.99	43.28	0.16
233	0.92	61.86	199.36	0.90	42.38	0.54	1.00	100.42	187.49	0.98	43.10	0.32	1.12	139.33	175.80	1.07	43.65	0.13
236	3.85	71.27	185.46	2.77	41.92	2.72	3.41	108.54	174.65	4.35	45.62	2.38	2.23	131.12	169.31	3.39	46.87	1.54
239	14.16	140.38	160.63	10.77	50.98	10.56	7.96	122.39	166.59	6.25	52.26	6.79	3.53	102.98	174.65	7.85	53.12	2.89
242	8.82	227.06	130.38	9.36	62.51	4.99	7.12	137.35	156.92	3.95	60.47	3.24	4.47	74.54	179.32	5.47	60.23	1.73
245	2.22	258.01	116.33	2.11	64.89	0.85	1.69	147.74	149.15	1.76	64.30	0.48	1.30	64.15	181.14	1.48	64.24	0.10
248	1.16	247.83	114.07	1.37	64.75	0.26	1.21	149.14	143.88	1.50	64.39	0.18	1.21	73.66	175.14	1.62	64.62	0.10
251	1.12	240.46	112.52	1.58	64.45	0.09	1.12	147.89	140.13	1.40	64.28	0.09	1.14	84.44	168.40	1.24	64.46	0.10
254	1.09	232.09	112.21	1.36	64.06	0.10	1.08	148.10	136.92	1.35	64.22	0.10	1.07	93.89	163.28	1.34	64.39	0.09
257	1.03	224.89	112.13	1.37	63.99	0.09	1.03	147.59	134.35	1.30	64.15	0.09	1.02	103.35	158.39	1.23	64.32	0.09
260	0.99	217.83	112.73	1.28	63.92	0.09	0.99	147.43	132.35	1.25	64.09	0.10	0.98	112.15	154.41	1.23	64.26	0.09
263	0.94	211.47	113.61	1.23	63.83	0.09	0.94	147.12	130.86	1.19	64.02	0.10	0.93	120.58	150.97	1.17	64.21	0.09
266	0.90	205.55	114.78	1.16	63.74	0.09	0.89	146.87	129.83	1.14	63.95	0.10	0.89	128.55	148.22	1.15	64.17	0.09
269	0.87	200.21	116.23	1.12	63.63	0.10	0.87	146.63	129.24	1.09	63.89	0.10	0.86	136.01	146.08	1.08	64.15	0.09
272	1.30	194.54	118.11	1.07	63.49	0.16	1.46	146.34	128.89	1.06	63.81	0.16	1.62	145.24	144.12	1.13	64.14	0.17
275	1.82	186.95	121.52	1.22	63.19	0.24	1.96	145.63	130.03	1.28	63.63	0.24	2.10	159.34	144.03	1.46	64.08	0.25
278	1.46	180.35	126.45	1.01	62.79	0.24	1.53	144.95	134.07	1.10	63.42	0.25	1.60	174.61	148.14	1.32	64.08	0.26
281	0.97	175.08	132.36	0.96	62.33	0.24	0.94	144.29	141.54	0.89	63.17	0.25	0.93	184.64	157.18	1.11	64.07	0.27
284	1.17	167.35	141.97	1.10	61.83	0.24	1.20	143.61	153.60	0.95	62.88	0.25	1.22	187.16	170.67	0.82	64.02	0.28
287	2.51	154.54	158.46	1.50	61.30	0.24	2.67	142.99	171.35	1.25	62.52	0.26	2.86	181.01	187.60	0.98	63.88	0.28
290	3.30	139.74	184.61	1.62	60.37	0.24	3.58	142.04	195.00	1.39	61.70	0.27	3.87	169.24	206.79	1.17	63.21	0.29
293	4.56	130.71	220.30	1.99	59.44	0.26	4.87	141.18	223.48	1.93	60.80	0.28	5.22	158.39	227.08	1.87	62.36	0.28
296	8.12	144.16	266.90	3.15	58.94	0.29	8.67	140.53	254.74	3.29	60.22	0.29	9.26	161.98	242.87	3.43	61.69	0.29
299	12.25	206.76	325.32	4.43	58.53	0.32	13.11	140.05	285.19	4.97	59.59	0.31	14.01	208.83	246.63	5.52	60.79	0.31
302	17.31	331.50	389.51	5.80	58.27	0.49	18.47	139.44	309.44	6.91	58.92	0.38	19.65	320.79	234.32	8.04	59.68	0.29
305	7.69	404.98	421.65	9.65	53.81	0.58	7.86	134.23	319.60	9.49	53.99	0.63	7.54	387.22	224.31	9.34	54.22	0.72
308	19.28	316.71	386.21	8.69	49.38	0.47	20.58	129.09	310.35	7.81	49.21	0.34	21.90	298.86	239.77	6.93	49.10	0.24
311	14.03	188.06	318.02	6.09	49.15	0.29	15.02	128.54	287.00	5.79	48.85	0.25	16.03	181.69	258.13	5.49	48.71	0.23
314	9.63	142.69	257.41	3.85	48.80	0.25	10.29	128.18	259.30	3.99	48.59	0.24	10.97	155.34	262.76	4.13	48.58	0.23
317	5.72	154.45	212.25	2.10	48.45	0.21	6.10	127.69	234.02	2.44	48.41	0.23	6.51	180.53	257.89	2.61	48.56	0.26
320	2.69	172.79	184.55	0.93	48.14	0.18	2.78	127.34	215.62	1.22	48.28	0.22	2.95	203.10	249.74	1.67	48.57	0.27
323	2.03	175.94	174.55	1.22	47.90	0.19	2.05	126.86	206.50	0.92	48.18	0.22	2.18	206.27	241.87	0.94	48.58	0.27

ster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

iddle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
326	3.99	164.10	181.35	2.00	47.74	0.19	4.25	126.51	206.94	1.66	48.09	0.23	4.54	190.81	235.74	1.39	48.54	0.27
329	7.26	149.54	203.92	3.10	47.66	0.21	7.76	126.08	215.37	2.92	48.01	0.23	8.28	163.86	229.39	2.76	48.45	0.26
332	10.79	166.31	241.23	4.17	47.66	0.22	11.56	125.78	228.21	4.35	47.96	0.24	12.34	156.31	218.04	4.54	48.30	0.26
335	14.89	246.84	287.36	5.24	47.71	0.33	15.89	125.37	240.36	5.92	47.90	0.28	16.91	214.45	198.62	6.62	48.14	0.24
338	5.67	308.59	312.91	7.20	46.07	0.41	5.70	122.33	244.77	7.05	46.22	0.43	5.35	266.88	183.39	6.91	46.40	0.47
341	12.07	260.24	290.89	5.65	44.47	0.34	12.88	119.30	236.48	4.96	44.66	0.27	13.70	219.41	187.26	4.26	44.89	0.22
344	8.06	178.61	246.25	3.75	44.58	0.24	8.62	118.98	218.18	3.41	44.83	0.22	9.20	147.19	192.11	3.05	45.18	0.21
347	4.68	137.34	206.23	2.17	44.71	0.22	5.00	118.73	195.78	2.05	45.02	0.21	5.34	120.35	185.99	1.94	45.48	0.20
350	4.09	121.00	172.72	1.84	44.69	0.20	4.42	118.59	173.03	1.85	45.07	0.21	4.78	120.63	173.61	1.87	45.60	0.23
353	3.76	118.14	144.67	1.52	44.69	0.18	4.01	117.51	152.49	1.70	45.11	0.20	4.28	134.22	161.10	1.87	45.67	0.21
356	1.86	122.81	125.85	0.79	44.88	0.18	1.98	117.22	136.13	1.00	45.29	0.19	2.11	149.67	148.60	1.24	45.82	0.22
359	0.58	126.11	116.42	0.54	45.06	0.18	0.54	116.96	124.87	0.57	45.45	0.19	0.55	156.87	137.06	0.80	45.91	0.22
362	0.64	125.70	112.89	0.68	45.22	0.19	0.31	116.68	118.18	0.49	45.56	0.19	0.58	156.99	127.86	0.59	45.95	0.21
365	1.02	122.74	112.29	0.83	45.38	0.19	1.10	116.42	114.84	0.64	45.66	0.19	1.17	152.56	121.50	0.49	45.97	0.21
368	1.69	118.71	112.76	0.99	45.54	0.19	1.82	116.17	113.53	0.82	45.77	0.19	1.94	144.04	117.32	0.67	46.01	0.21
371	2.31	116.22	113.67	1.11	45.70	0.19	2.47	115.93	113.31	1.01	45.87	0.19	2.64	133.18	114.72	0.92	46.06	0.20
374	1.59	116.06	114.71	0.90	45.71	0.20	1.64	115.42	113.59	0.83	45.84	0.19	1.68	124.00	113.36	0.77	45.98	0.21
377	0.87	116.57	115.36	0.63	45.71	0.18	0.93	114.91	113.89	0.59	45.81	0.19	0.99	118.86	112.92	0.55	45.92	0.19
380	1.33	118.76	115.80	0.68	45.84	0.18	1.43	114.72	113.95	0.68	45.92	0.18	1.54	115.33	112.53	0.70	46.00	0.19
383	1.97	125.13	116.55	0.79	45.97	0.18	2.10	114.54	113.77	0.87	46.03	0.19	2.24	112.52	111.77	0.96	46.09	0.18
386	0.95	129.18	116.47	1.19	45.90	0.21	0.97	113.84	113.27	1.15	45.96	0.21	0.95	110.43	111.13	1.12	46.02	0.23
389	1.87	124.55	114.34	1.09	45.84	0.19	2.00	113.16	112.28	1.01	45.89	0.19	2.13	109.16	110.95	0.94	45.95	0.19
392	1.22	118.11	111.56	0.84	45.97	0.18	1.30	113.02	110.97	0.80	46.03	0.18	1.39	109.75	110.57	0.75	46.09	0.19
395	0.89	114.58	109.60	0.72	46.09	0.18	0.96	112.88	109.76	0.73	46.15	0.18	1.04	111.40	109.96	0.74	46.21	0.19
398	0.76	112.27	108.46	0.64	46.22	0.18	0.81	112.73	108.86	0.65	46.27	0.18	0.87	113.54	109.28	0.67	46.33	0.19
401	0.42	110.79	107.99	0.52	46.37	0.18	0.44	112.64	108.28	0.55	46.43	0.19	0.47	115.47	108.67	0.59	46.49	0.19
404	0.21	110.07	107.93	0.47	46.54	0.18	0.22	112.55	107.99	0.50	46.59	0.19	0.25	116.54	108.20	0.53	46.65	0.19
407	0.32	109.33	108.14	0.51	46.65	0.18	0.37	112.46	107.92	0.55	46.71	0.19	0.41	117.54	107.90	0.59	46.77	0.19
410	0.40	108.27	108.56	0.51	46.77	0.18	0.42	112.37	107.92	0.56	46.83	0.19	0.45	119.26	107.57	0.61	46.89	0.19
413	0.34	107.25	108.96	0.48	46.95	0.18	0.35	112.33	107.89	0.54	47.01	0.19	0.36	121.19	107.21	0.60	47.07	0.19
416	0.34	106.42	109.14	0.48	47.15	0.18	0.36	112.30	107.72	0.54	47.21	0.19	0.38	122.93	106.79	0.61	47.27	0.19
419	0.44	105.55	109.10	0.54	47.34	0.19	0.46	112.28	107.33	0.61	47.41	0.19	0.49	125.07	106.20	0.68	47.48	0.20
422	0.59	104.53	108.81	0.52	47.54	0.19	0.63	112.29	106.71	0.62	47.62	0.19	0.67	128.11	105.47	0.72	47.73	0.20
425	0.42	103.71	108.09	0.47	47.75	0.19	0.45	112.30	105.86	0.57	47.83	0.19	0.47	131.24	104.76	0.68	47.93	0.20
428	0.22	103.19	106.86	0.44	47.96	0.19	0.21	112.33	104.95	0.51	48.06	0.19	0.21	133.32	104.35	0.63	48.16	0.20
431	0.29	102.91	105.37	0.50	48.18	0.19	0.30	112.37	104.31	0.46	48.28	0.19	0.30	133.55	104.59	0.53	48.40	0.20

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
434	0.80	103.05	104.37	0.59	48.40	0.19	0.85	112.44	104.46	0.53	48.51	0.20	0.90	131.05	105.62	0.50	48.64	0.21
437	1.26	104.31	105.09	0.68	48.63	0.19	1.34	112.49	106.01	0.61	48.74	0.20	1.43	125.76	107.50	0.55	48.89	0.21
440	2.02	108.38	109.02	0.86	48.87	0.19	2.16	112.59	109.40	0.85	48.98	0.20	2.31	118.13	109.96	0.85	49.13	0.21
443	3.27	119.74	117.47	1.21	49.12	0.19	3.50	112.65	114.58	1.28	49.22	0.20	3.73	109.99	112.11	1.35	49.36	0.21
446	4.76	144.79	131.26	1.62	49.37	0.20	5.09	112.76	120.72	1.85	49.47	0.21	5.44	109.15	112.44	2.08	49.59	0.22
449	6.60	188.55	148.91	2.09	49.64	0.24	7.04	112.82	126.23	2.54	49.73	0.24	7.49	129.60	110.24	2.99	49.83	0.22
452	3.01	216.63	158.79	3.47	49.48	0.34	2.94	111.33	128.78	3.40	49.57	0.34	2.74	145.59	108.20	3.32	49.68	0.38
455	6.82	189.98	148.90	3.33	49.32	0.26	7.27	109.85	126.31	2.93	49.44	0.25	7.73	125.31	110.70	2.54	49.57	0.25
458	4.93	144.96	129.81	2.42	49.60	0.22	5.28	109.96	119.95	2.23	49.75	0.21	5.64	103.39	112.40	2.03	49.92	0.22
461	3.42	119.14	114.72	1.66	49.90	0.[illegible]	3.66	110.13	112.81	1.62	50.06	0.21	3.90	105.12	111.37	1.59	50.26	0.21
464	2.15	107.39	105.50	1.10	50.21	0.20	2.30	110.27	106.88	1.14	50.38	0.21	2.46	115.41	108.49	1.19	50.58	0.21
467	1.16	103.26	101.36	0.68	50.54	0.20	1.24	110.45	102.95	0.79	50.70	0.21	1.33	124.33	105.30	0.90	50.89	0.22
470	0.51	102.26	100.56	0.49	50.87	0.20	0.53	110.63	101.05	0.56	51.01	0.21	0.56	129.22	102.73	0.66	51.18	0.22
473	0.43	102.31	101.38	0.50	51.20	0.20	0.45	110.84	100.67	0.49	51.33	0.21	0.46	130.23	101.26	0.55	51.48	0.22
476	0.35	102.70	102.69	0.47	51.54	0.20	0.35	111.05	101.18	0.45	51.66	0.21	0.35	129.24	100.82	0.50	51.79	0.22
479	0.36	103.03	104.07	0.48	51.88	0.21	0.38	111.30	102.07	0.44	51.99	0.21	0.40	127.96	101.04	0.48	52.10	0.22
482	0.41	103.60	105.14	0.49	52.24	0.21	0.44	111.55	102.99	0.44	52.32	0.21	0.46	126.33	101.60	0.42	52.42	0.22
485	0.45	104.70	105.67	0.48	52.59	0.21	0.49	111.82	103.72	0.45	52.67	0.21	0.51	124.06	102.33	0.42	52.74	0.22
488	0.38	106.08	105.78	0.44	52.96	0.21	0.40	112.11	104.19	0.42	53.02	0.21	0.42	121.88	103.09	0.44	53.08	0.22
491	0.30	107.42	105.65	0.44	53.35	0.21	0.33	112.42	104.43	0.42	53.39	0.22	0.34	120.29	103.51	0.43	53.43	0.22
494	0.28	108.89	105.29	0.43	53.75	0.21	0.30	112.74	104.47	0.42	53.77	0.22	0.32	118.89	103.90	0.42	53.79	0.23
497	0.32	110.77	104.68	0.43	54.16	0.21	0.35	113.08	104.41	0.42	54.16	0.22	0.37	117.15	104.32	0.42	54.17	0.23
500	0.43	113.14	103.97	0.45	54.60	0.21	0.46	113.44	104.37	0.44	54.57	0.22	0.49	114.94	104.88	0.44	54.55	0.23
503	0.38	115.69	103.45	0.42	55.06	0.21	0.40	113.82	104.50	0.42	55.00	0.22	0.42	112.70	105.60	0.42	54.95	0.23
506	0.44	118.10	103.41	0.43	55.54	0.21	0.46	114.22	104.95	0.44	55.46	0.22	0.49	110.80	106.54	0.45	55.38	0.24
509	0.63	120.96	103.91	0.46	56.04	0.22	0.67	114.62	105.85	0.47	55.93	0.23	0.71	108.63	107.84	0.48	55.82	0.24
512	0.94	125.01	105.07	0.52	56.58	0.22	1.00	115.05	107.29	0.55	56.43	0.23	1.07	105.73	109.63	0.58	56.29	0.24
515	1.37	130.73	107.18	0.61	57.13	0.22	1.45	115.48	109.33	0.66	56.96	0.23	1.54	102.86	111.86	0.72	56.80	0.24
518	1.81	135.55	110.60	0.79	57.57	0.23	1.35	115.87	112.05	0.77	57.39	0.23	0.90	102.09	114.27	0.76	57.22	0.27
521	1.45	131.51	115.24	1.04	58.01	0.24	1.47	116.14	115.24	0.98	57.85	0.25	1.47	106.93	115.90	0.92	57.68	0.26
524	1.60	119.64	120.74	1.04	58.60	0.22	1.68	116.53	118.48	1.03	58.47	0.24	1.78	117.27	116.56	1.04	58.35	0.26
527	1.62	107.53	126.82	0.97	59.18	0.22	1.72	117.06	121.36	1.06	59.13	0.24	1.84	130.47	116.08	1.16	59.08	0.25
530	1.94	97.14	133.08	1.01	59.72	0.22	2.06	117.64	123.35	1.17	59.81	0.24	2.18	146.92	113.97	1.32	59.89	0.25
533	2.40	90.22	138.60	1.04	60.21	0.22	2.55	118.20	123.65	1.32	60.50	0.23	2.71	164.72	109.53	1.60	60.79	0.24
536	2.50	88.29	142.28	1.06	60.61	0.22	2.78	118.73	121.36	1.41	61.20	0.23	3.07	186.80	102.34	1.77	61.79	0.24
539	2.74	92.05	142.52	1.03	60.88	0.22	2.93	119.18	115.56	1.49	61.87	0.23	3.10	211.68	92.42	1.95	62.86	0.24

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
542	2.78	103.39	137.88	0.99	60.98	0.22	2.98	119.90	105.68	1.52	62.48	0.23	3.15	238.18	81.68	2.05	64.00	0.24
545	2.55	119.71	126.51	0.80	60.87	0.22	2.73	120.44	92.39	1.42	63.00	0.23	2.88	263.75	75.85	2.08	65.15	0.24
548	1.74	135.84	108.07	0.48	60.52	0.22	1.87	121.17	80.29	1.13	63.37	0.24	1.96	284.04	84.46	1.80	66.25	0.25
551	1.03	145.20	86.67	0.74	59.91	0.23	0.81	121.28	82.07	0.75	63.53	0.24	0.55	294.87	111.92	1.40	67.20	0.26
554	1.72	141.63	83.18	1.07	59.01	0.23	1.80	121.59	110.41	0.62	63.43	0.25	1.94	289.59	153.42	0.69	67.91	0.27
557	5.05	119.41	126.40	2.38	57.87	0.24	5.39	121.80	162.46	1.75	62.99	0.27	5.79	258.80	202.26	1.12	68.20	0.29
560	9.91	101.50	210.09	3.83	56.54	0.26	10.58	122.27	229.96	3.63	62.15	0.29	11.33	191.92	250.14	3.44	67.88	0.31
563	16.00	164.03	322.44	5.98	55.21	0.33	17.11	122.04	305.48	6.14	60.88	0.33	18.29	123.33	289.02	6.29	66.69	0.33
566	23.69	338.27	456.51	8.11	54.09	0.39	25.36	122.30	380.71	9.25	59.17	0.37	27.09	199.29	305.41	10.38	64.37	0.36
569	32.86	612.22	599.52	10.86	53.59	0.69	35.11	121.55	443.02	12.92	57.07	0.52	37.41	455.23	289.38	14.93	60.63	0.40
572	8.83	794.66	685.99	14.23	53.00	0.65	18.33	106.51	464.60	15.99	54.49	0.40	27.31	724.92	244.35	17.72	56.02	0.31
575	13.20	762.95	678.86	14.24	53.49	0.07	13.25	94.08	456.70	14.06	53.47	0.26	13.30	772.27	236.69	13.96	53.45	0.34
578	11.76	652.60	644.28	14.33	53.55	0.19	11.81	94.03	452.16	12.92	52.66	0.19	11.86	655.85	264.62	11.59	51.78	0.21
581	10.84	545.46	603.77	12.32	53.60	0.18	10.88	94.09	445.66	11.80	51.88	0.19	10.93	553.72	288.60	11.33	50.18	0.21
584	9.80	451.67	564.97	11.45	53.51	0.19	9.83	94.27	435.02	10.70	51.12	0.19	9.88	458.75	306.72	9.99	48.77	0.20
587	8.83	365.89	524.90	10.10	53.32	0.19	8.86	94.46	421.52	9.63	50.40	0.18	8.90	375.36	318.65	9.19	47.52	0.19
590	7.88	290.78	485.82	9.03	53.06	0.20	7.91	94.59	405.64	8.60	49.70	0.18	7.95	301.29	325.99	8.19	46.44	0.17
593	6.99	224.98	447.28	7.94	52.71	0.18	7.01	94.93	387.92	7.61	49.06	0.18	7.04	238.02	328.64	7.30	45.50	0.16
596	6.12	170.29	410.06	6.88	52.39	0.27	6.14	94.84	368.83	6.68	48.43	0.16	6.17	185.77	327.74	6.49	44.67	0.15
599	5.35	126.44	374.53	6.05	52.64	0.25	5.36	95.59	348.84	5.81	47.95	0.31	5.39	145.78	322.95	5.57	44.16	0.16
602	2.30	106.69	342.17	8.49	52.14	2.49	2.98	97.66	328.01	4.79	48.09	1.24	2.56	120.87	313.35	3.91	44.36	0.43
605	5.19	108.14	330.33	8.23	53.96	1.94	4.22	99.68	325.23	4.86	49.49	0.98	4.42	104.01	320.01	4.14	45.74	0.42
608	6.71	116.64	277.32	3.87	53.58	0.20	6.85	102.07	287.52	3.87	49.64	0.25	7.02	102.01	297.82	3.87	45.94	0.16
611	4.68	136.42	226.81	2.54	52.65	0.29	4.78	102.72	251.26	2.74	49.03	0.20	4.91	122.01	276.05	2.92	45.53	0.14
614	3.06	160.50	183.92	1.56	51.94	0.18	3.11	102.94	217.36	1.78	48.52	0.16	3.20	147.14	251.92	2.00	45.25	0.14
617	1.71	177.65	149.90	0.71	51.26	0.18	1.74	103.49	186.91	1.03	48.15	0.16	1.79	164.69	226.34	1.33	45.16	0.14
620	1.15	187.71	124.37	0.54	50.68	0.16	0.97	103.70	160.55	0.69	47.89	0.15	0.83	174.94	201.37	0.88	45.21	0.13
623	0.66	192.19	107.26	0.49	50.19	0.15	0.59	104.06	138.87	0.49	47.74	0.15	0.59	180.37	178.35	0.72	45.38	0.13
626	0.54	191.58	97.90	0.74	49.79	0.15	0.54	104.47	122.14	0.48	47.68	0.15	0.55	181.72	157.89	0.47	45.65	0.13
629	0.86	186.53	94.49	0.95	49.47	0.14	0.89	104.93	110.18	0.65	47.71	0.14	0.91	178.73	140.30	0.46	45.99	0.13
632	1.15	178.52	94.52	1.10	49.23	0.14	1.19	105.37	102.41	0.80	47.80	0.14	1.22	172.80	125.83	0.55	46.39	0.14
635	1.33	168.68	96.02	1.17	49.08	0.13	1.38	105.83	97.93	0.89	47.95	0.14	1.42	165.24	114.63	0.65	46.83	0.14
638	1.43	158.11	97.73	1.19	49.00	0.13	1.48	106.30	95.73	0.94	48.14	0.14	1.52	157.04	106.46	0.71	47.30	0.14
641	1.45	147.63	99.03	1.17	48.99	0.13	1.49	106.77	94.86	0.94	48.38	0.14	1.54	149.02	100.88	0.74	47.78	0.14
644	1.41	137.91	99.71	1.11	49.04	0.13	1.46	107.27	94.64	0.92	48.65	0.14	1.50	141.68	97.32	0.74	48.26	0.14
647	1.30	129.10	99.90	1.02	49.14	0.13	1.35	107.64	94.65	0.86	48.94	0.14	1.40	135.78	95.05	0.72	48.74	0.14

yster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
650	1.19	121.17	99.79	0.95	49.28	0.13	1.23	108.00	94.59	0.82	49.25	0.14	1.27	132.06	93.44	0.71	49.21	0.15
653	1.06	114.50	99.32	0.84	49.45	0.13	1.09	108.53	94.30	0.75	49.56	0.14	1.13	130.00	92.18	0.67	49.68	0.15
656	0.93	109.33	98.38	0.76	49.64	0.13	0.96	109.04	93.74	0.67	49.89	0.14	0.99	128.72	91.14	0.61	50.14	0.15
659	0.81	105.61	97.08	0.66	49.85	0.13	0.84	109.57	92.93	0.60	50.22	0.14	0.87	127.79	90.24	0.55	50.59	0.15
662	0.72	103.33	95.47	0.60	50.07	0.13	0.75	110.10	91.94	0.54	50.55	0.14	0.77	126.85	89.43	0.49	51.02	0.15
665	0.68	102.41	93.65	0.53	50.31	0.13	0.72	110.64	90.80	0.49	50.87	0.15	0.77	125.54	88.67	0.45	51.43	0.15
668	1.13	103.87	91.41	0.59	49.97	0.16	1.53	111.61	89.67	0.59	50.69	0.13	1.91	123.51	88.34	0.61	51.38	0.18
671	0.52	103.84	91.18	0.60	49.45	0.05	0.60	112.10	89.42	0.64	50.22	0.06	0.68	123.77	88.00	0.71	50.95	0.08
674	0.92	100.40	90.60	0.65	49.84	0.15	0.97	112.79	88.26	0.74	50.55	0.16	1.01	129.77	86.51	0.83	51.27	0.16
677	0.56	96.78	90.20	0.48	50.08	0.16	0.59	113.46	87.44	0.58	50.88	0.17	0.62	136.27	85.57	0.68	51.69	0.17
680	0.27	95.33	89.54	0.36	50.29	0.16	0.27	114.13	87.10	0.40	51.19	0.17	0.26	139.71	85.73	0.50	52.09	0.17
683	0.53	96.14	89.06	0.41	50.47	0.16	0.55	114.80	87.54	0.38	51.46	0.17	0.56	139.26	86.96	0.36	52.47	0.17
686	1.18	99.99	89.69	0.60	50.63	0.16	1.22	115.46	89.12	0.55	51.70	0.17	1.27	134.34	89.08	0.50	52.80	0.17
689	1.99	108.56	92.71	0.87	50.78	0.17	2.07	116.13	92.10	0.86	51.91	0.17	2.15	124.74	91.69	0.84	53.[illegible]	0.[illegible]
692	2.94	124.49	99.35	1.24	50.95	0.17	3.06	116.76	96.53	1.28	52.07	0.18	3.18	111.72	94.21	1.32	53.22	0.18
695	4.05	150.60	110.26	1.65	51.17	0.18	4.21	117.41	101.99	1.80	52.20	0.18	[illegible].38	100.16	95.99	1.95	53.26	0.18
698	5.26	189.39	125.28	2.12	51.46	0.20	5.47	118.01	107.64	2.40	52.29	0.18	5.69	101.38	96.43	2.66	53.14	0.20
701	6.72	241.95	142.34	2.58	51.88	0.24	6.98	118.65	112.17	3.06	52.35	0.24	7.25	127.16	95.98	3.51	52.84	0.18
704	2.60	272.76	150.62	3.86	50.61	0.39	2.66	121.06	113.84	3.79	50.62	0.37	2.65	146.69	95.33	3.73	50.64	0.48
707	6.82	244.55	140.40	3.93	49.24	0.23	7.08	123.51	112.12	3.51	48.80	0.22	7.35	127.46	97.26	3.12	48.37	0.16
710	5.42	192.94	122.93	3.12	49.61	0.19	5.64	124.22	108.18	2.88	48.82	0.16	5.87	105.15	99.19	2.66	48.06	0.18
713	4.27	155.14	109.32	2.43	49.88	0.18	4.44	124.92	103.96	2.32	48.89	0.17	4.62	107.79	100.24	2.21	47.95	0.16
716	3.25	130.06	101.78	1.82	50.09	0.17	3.38	125.71	100.86	1.83	49.03	0.16	3.52	123.15	100.28	1.84	48.02	0.16
719	2.39	115.38	100.22	1.35	50.29	0.16	2.49	126.51	99.77	1.42	49.24	0.16	2.60	140.44	100.05	1.50	48.25	0.16
722	1.72	108.13	103.20	0.96	50.49	0.16	1.78	127.39	100.81	1.10	49.52	0.17	1.86	155.20	100.23	1.24	48.61	0.16
725	1.20	105.54	108.69	0.70	50.70	0.16	1.25	128.31	103.53	0.87	49.87	0.17	1.31	166.50	101.17	1.03	49.07	0.17
728	1.13	105.25	115.16	0.63	50.95	0.17	1.10	129.16	107.23	0.81	50.28	0.17	1.08	175.48	102.84	0.99	49.64	0.17
731	1.05	106.12	121.62	0.57	51.22	0.17	1.09	130.05	111.15	0.80	50.75	0.17	1.14	184.03	104.82	1.02	50.30	0.18
734	0.86	107.87	127.17	0.47	51.49	0.17	0.89	131.13	114.61	0.71	51.26	0.18	0.93	191.93	106.78	0.96	51.05	0.18
737	0.71	110.23	131.01	0.44	51.77	0.17	0.74	132.21	117.16	0.65	51.82	0.18	0.77	198.54	108.53	0.91	51.87	0.18
740	0.58	112.79	132.86	0.40	52.04	0.17	0.61	133.35	118.53	0.59	52.39	0.18	0.62	203.95	109.97	0.86	52.76	0.18
743	0.45	115.24	132.56	0.46	52.30	0.17	0.47	134.49	118.73	0.53	52.98	0.18	0.46	208.13	111.18	0.80	53.68	0.19
746	0.32	117.25	130.28	0.45	52.54	0.17	0.33	135.68	118.02	0.47	53.56	0.18	0.32	210.59	112.50	0.70	54.61	0.19
749	0.42	119.23	126.64	0.43	52.75	0.17	0.39	136.74	117.02	0.53	54.12	0.18	0.36	211.90	114.52	0.73	55.53	0.19
752	0.52	121.39	122.55	0.49	52.92	0.17	0.49	137.82	116.73	0.46	54.64	0.19	0.45	212.56	118.15	0.68	56.42	0.19
755	0.85	122.60	119.36	0.66	53.03	0.17	0.86	139.00	118.53	0.49	55.11	0.19	0.89	210.00	124.11	0.42	57.27	0.20

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
758	1.75	122.52	119.83	0.98	53.08	0.18	1.80	140.16	123.97	0.78	55.50	0.19	1.87	200.98	132.44	0.62	58.01	0.20
761	[illegible]	123.79	127.78	1.49	53.11	0.18	3.08	141.28	134.22	1.31	55.79	0.20	3.21	[illegible]	142.53	1.16	58.61	0.21
764	4.54	132.77	146.31	2.09	53.12	0.19	4.71	142.39	149.51	2.05	55.98	0.21	4.90	[illegible]	153.15	2.00	58.99	0.22
767	6.44	159.40	176.15	2.86	53.18	0.21	6.69	143.42	168.85	2.96	56.06	0.22	6.96	135.21	162.32	3.05	59.09	0.22
770	8.71	212.03	215.61	3.71	53.35	0.23	9.05	144.46	190.23	4.06	56.02	0.23	9.41	132.81	167.82	4.38	58.84	0.23
773	11.21	295.12	262.46	4.69	53.69	0.27	11.67	145.38	210.77	5.32	55.88	0.24	12.14	179.59	166.63	5.90	58.17	0.26
776	14.27	409.01	310.97	5.66	54.34	0.38	14.82	146.38	226.98	6.71	55.66	0.33	15.39	278.94	158.67	7.69	57.07	0.23
779	4.70	476.28	335.94	8.29	51.59	0.62	4.69	150.89	234.44	8.14	51.80	0.60	4.42	339.45	152.40	7.99	52.07	0.74
782	14.11	416.39	312.39	7.98	48.59	0.37	14.66	155.44	230.77	7.02	47.74	0.29	15.21	281.87	163.54	6.13	46.92	0.17
785	11.10	305.91	266.47	6.23	49.07	0.27	11.55	156.54	218.23	5.65	47.39	0.20	12.01	190.32	176.34	5.12	45.85	0.19
788	8.57	226.14	223.07	4.72	49.30	0.24	8.91	157.60	201.21	4.40	47.19	0.20	9.27	148.53	181.45	4.10	45.26	0.16
791	6.27	176.56	187.70	3.38	49.42	0.22	6.51	158.85	183.16	3.29	47.12	0.19	6.78	150.63	179.08	3.21	45.06	0.17
794	4.29	152.36	162.23	2.29	49.51	0.20	4.45	160.12	166.94	2.35	47.22	0.19	4.65	172.03	172.28	2.39	45.17	0.18
797	2.64	144.61	147.64	1.39	49.63	0.19	2.74	161.54	154.54	1.57	47.46	0.18	2.86	193.17	163.65	1.73	45.52	0.18
800	1.29	144.38	142.46	0.78	49.84	0.18	1.35	163.03	146.94	0.97	47.85	0.18	1.42	207.39	155.45	1.16	46.06	0.19
803	0.81	146.36	143.79	0.58	50.16	0.18	0.74	164.54	144.07	0.78	48.38	0.19	0.67	215.36	149.64	0.97	46.76	0.19
806	0.51	148.93	148.88	0.53	50.59	0.18	0.51	166.11	145.08	0.60	49.03	0.19	0.50	220.05	147.00	0.82	47.59	0.20
809	0.41	151.32	155.64	0.58	51.14	0.18	0.40	167.93	148.75	0.51	49.81	0.19	0.38	221.59	147.26	0.61	48.56	0.20
812	0.70	153.45	162.42	0.72	51.80	0.18	0.73	169.78	133.88	0.57	50.70	0.20	0.74	219.75	149.80	0.50	49.65	0.21
815	0.95	155.66	168.52	0.77	52.58	0.18	0.98	171.77	159.55	0.64	51.69	0.21	1.01	215.72	154.00	0.56	50.84	0.22
818	1.09	158.36	173.64	0.82	53.47	0.19	1.13	173.80	165.19	0.69	52.78	0.21	1.17	210.70	159.15	0.58	52.10	0.23
821	1.15	161.67	177.90	0.81	54.49	0.19	1.19	175.95	170.51	0.72	53.96	0.22	1.22	205.47	164.73	0.65	53.44	0.24
824	1.14	165.60	181.45	0.82	55.62	0.19	1.18	178.13	175.38	0.73	55.22	0.22	1.22	200.79	170.30	0.65	54.83	0.25
827	0.86	169.58	184.76	0.65	56.86	0.19	0.92	180.42	179.85	0.65	56.57	0.23	0.98	197.47	175.57	0.64	56.27	0.26
830	0.63	173.06	188.05	0.70	58.21	0.20	0.65	182.69	183.97	0.64	57.99	0.23	0.68	196.48	180.20	0.64	57.77	0.27
833	0.55	175.66	191.50	0.59	59.64	0.20	0.54	185.21	187.76	0.68	59.49	0.24	0.56	197.65	184.29	0.71	59.35	0.28
836	0.45	177.63	194.89	0.71	61.14	0.20	0.46	187.64	191.26	0.66	61.07	0.25	0.51	199.61	187.70	0.75	60.99	0.29
839	0.46	178.39	198.50	0.59	62.72	0.21	0.43	190.37	194.47	0.76	62.72	0.25	0.45	203.24	190.61	0.80	62.71	0.30
842	0.48	178.33	201.93	0.79	64.37	0.21	0.51	192.90	197.33	0.76	64.44	0.26	0.54	208.67	192.66	0.91	64.51	0.30
845	0.44	177.26	205.53	0.61	66.06	0.22	0.51	195.67	199.86	0.86	66.23	0.29	0.67	215.18	194.14	1.07	66.41	0.36
848	1.24	173.88	210.56	1.18	69.02	0.34	1.39	200.46	202.67	1.33	69.37	0.38	1.55	228.30	194.77	1.60	69.71	0.41
851	1.35	165.40	214.81	1.11	72.05	0.36	1.53	205.59	203.30	1.44	72.68	0.40	1.71	246.89	191.95	1.73	73.32	0.43
854	1.47	155.80	215.75	1.35	75.11	0.38	1.65	210.63	200.51	1.46	76.14	0.41	1.84	267.20	185.29	1.88	77.18	0.45
857	1.20	146.57	211.80	1.01	78.16	0.40	1.37	216.12	193.07	1.46	79.70	0.42	1.52	286.38	174.58	1.87	81.27	0.43
860	1.20	142.30	200.36	1.54	81.13	0.43	1.28	221.29	179.88	1.37	83.30	0.42	1.25	301.38	159.38	1.79	85.50	0.42
863	2.17	149.85	180.12	0.75	83.99	0.45	2.42	226.95	160.46	1.38	86.85	0.45	2.65	304.29	141.07	1.76	89.74	0.46

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	XY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
866	4.65	182.17	150.99	1.87	86.81	0.51	5.27	231.90	135.95	1.54	90.24	0.51	5.90	287.87	121.35	1.29	93.73	0.49
869	9.21	251.35	120.22	1.60	89.77	0.55	10.20	237.28	108.68	2.19	93.39	0.60	11.19	246.93	103.14	2.90	97.05	0.68
872	8.91	319.75	92.52	4.08	87.19	1.05	7.67	247.61	82.82	4.56	90.27	0.85	6.44	201.77	84.82	4.99	93.60	0.64
875	25.45	259.25	74.71	12.19	66.59	1.86	20.09	204.98	71.26	11.99	69.11	2.24	14.76	166.53	74.91	12.56	72.71	2.99
878	18.05	132.59	58.76	14.75	36.09	5.38	15.92	124.61	69.92	14.39	41.29	6.61	14.11	112.13	84.64	14.22	47.14	8.39
881	3.68	76.40	52.57	5.30	19.95	1.22	3.76	88.19	65.46	6.57	28.27	1.34	3.50	74.08	84.55	5.55	36.25	2.67
884	0.82	77.79	36.23	0.99	18.28	0.35	0.76	74.72	48.98	1.13	25.41	0.42	0.75	74.44	64.49	1.37	36.45	0.22
887	0.91	85.56	37.12	0.76	18.40	0.14	0.83	74.84	39.69	0.88	25.77	0.17	0.86	74.10	50.81	0.83	37.66	0.27
890	1.35	95.65	57.42	1.21	18.36	0.16	1.30	76.30	47.25	1.33	26.07	0.17	1.36	67.29	47.06	1.28	38.15	0.17
893	2.11	111.99	86.27	1.69	18.31	0.17	2.08	76.76	66.30	2.26	26.08	0.20	2.14	55.32	53.49	2.44	38.30	0.19
896	3.08	135.71	118.71	3.00	18.23	0.20	3.07	77.16	89.40	3.46	25.84	0.25	3.13	39.58	64.78	3.69	37.95	0.21
899	4.25	169.57	155.22	4.17	18.28	0.24	4.24	76.83	114.41	4.90	25.35	0.35	4.33	37.73	77.08	5.36	36.93	0.27
902	13.34	215.70	191.90	9.03	18.62	0.34	7.91	75.73	137.45	6.37	24.68	0.59	2.44	66.39	86.28	4.10	34.83	0.86
905	5.97	262.97	244.86	13.33	19.05	1.04	4.42	73.56	177.91	6.06	22.97	1.36	3.05	110.31	113.98	3.78	30.51	1.67
908	1.34	280.87	282.36	10.35	19.52	1.13	2.52	70.81	213.03	3.74	21.10	1.36	2.18	131.16	146.57	5.76	25.24	1.69
911	5.41	258.99	298.03	7.12	20.15	1.24	4.05	67.70	237.44	2.89	20.00	1.30	2.51	115.95	179.25	7.19	21.05	1.47
914	6.68	216.40	295.72	4.76	21.33	1.36	4.92	64.89	249.68	2.74	20.70	1.30	3.04	80.93	205.40	6.33	20.32	1.32
917	6.39	169.89	281.37	3.33	23.52	1.51	4.67	61.88	250.06	2.58	23.60	1.37	2.88	42.45	220.05	4.49	23.73	1.25
920	4.93	129.31	259.82	3.00	26.95	1.68	3.53	59.02	240.69	2.47	28.17	1.51	2.13	17.61	222.39	2.47	29.49	1.33
923	3.03	101.10	235.40	2.74	31.35	1.86	2.06	56.30	224.13	2.37	33.57	1.68	1.27	14.95	213.40	2.13	35.93	1.50
926	1.11	87.55	210.04	3.20	36.20	2.02	1.14	53.83	202.30	2.43	39.16	1.87	0.57	22.33	194.99	2.30	42.25	1.70
929	3.28	81.67	184.06	3.04	41.54	2.17	1.35	51.54	176.64	2.85	45.12	2.05	1.17	23.50	169.55	2.76	48.82	1.91
932	1.04	75.38	152.76	2.65	46.55	2.23	1.10	49.36	146.66	2.16	50.58	2.20	0.34	25.80	140.93	2.15	54.72	2.14
935	1.65	66.71	118.69	2.30	49.80	2.83	1.09	47.90	113.97	2.00	54.47	2.60	0.63	29.75	109.38	1.78	59.16	2.38
938	0.87	57.16	81.65	3.19	49.91	1.84	0.80	48.63	79.31	2.21	53.90	2.62	1.43	31.43	74.29	1.72	59.18	2.27
941	2.92	59.96	79.73	6.35	55.88	4.34	2.49	57.83	79.41	4.79	63.34	4.77	1.99	31.77	71.70	2.30	64.08	3.23
944	12.73	103.10	81.84	12.31	99.03	13.27	10.97	82.71	75.94	9.29	103.47	14.97	9.43	57.17	68.29	6.16	105.22	15.85
947	17.27	183.13	95.30	9.70	186.60	11.69	15.78	142.09	83.43	7.11	185.59	11.81	14.25	115.01	75.66	4.90	189.60	11.76
950	5.18	222.20	96.97	2.94	238.91	2.95	4.36	183.98	88.31	2.31	238.52	2.76	3.52	150.51	79.02	1.94	241.60	2.83
953	1.85	200.16	88.87	1.70	238.09	0.65	1.85	184.77	84.61	1.87	240.01	0.75	1.85	166.63	79.51	2.01	241.09	0.62
956	1.48	186.90	78.58	1.80	238.72	0.23	1.47	182.37	78.25	1.47	240.13	0.12	1.48	182.35	78.62	1.13	241.76	0.23
959	1.12	171.06	68.93	1.18	239.03	0.03	1.11	182.12	72.55	1.12	240.56	0.10	1.12	192.37	75.90	1.04	242.04	0.03
962	0.82	161.60	61.07	1.00	239.43	0.07	0.81	180.64	66.95	0.80	240.88	0.04	0.81	200.48	73.05	0.60	242.35	0.06
965	0.54	154.38	53.96	0.64	239.82	0.05	0.53	179.76	61.50	0.53	241.21	0.05	0.55	204.97	69.03	0.40	242.61	0.04
968	0.38	150.34	48.52	0.44	240.21	0.05	0.33	178.56	56.55	0.36	241.51	0.05	0.34	206.96	64.78	0.30	242.83	0.04
971	0.35	148.88	44.48	0.31	240.57	0.05	0.34	177.50	52.15	0.37	241.80	0.04	0.36	206.15	60.12	0.42	243.02	0.04

ster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
974	0.51	149.96	41.90	0.38	240.92	0.04	0.51	176.38	48.32	0.51	242.05	0.04	0.51	203.05	55.23	0.63	243.20	0.03
977	0.71	153.30	40.53	0.55	241.23	0.04	0.71	175.27	44.97	0.69	242.30	0.04	0.71	197.85	50.13	0.83	243.36	0.03
980	0.92	158.72	40.28	0.71	241.51	0.03	0.91	174.19	42.05	0.86	242.52	0.04	0.90	190.75	44.66	1.03	243.54	0.03
983	1.36	165.95	40.40	0.90	241.74	0.06	1.26	173.06	39.29	1.05	242.73	0.04	1.15	182.25	39.15	1.20	243.70	0.05
986	2.12	166.40	39.63	1.03	243.30	0.13	1.98	169.52	36.28	1.02	244.27	0.15	1.90	175.38	33.82	1.02	245.24	0.13
989	0.73	160.09	35.62	0.79	244.84	0.05	0.88	165.97	33.25	0.67	245.79	0.04	1.00	174.08	31.90	0.54	246.77	0.05
992	0.84	154.49	31.48	0.69	245.03	0.03	0.84	164.82	30.64	0.56	245.96	0.03	0.85	176.44	30.70	0.44	246.89	0.03
995	0.76	148.37	24.78	0.45	245.39	0.02	0.76	162.45	25.48	0.38	246.25	0.02	0.76	176.88	27.05	0.30	247.11	0.03
998	0.48	144.71	19.43	0.30	245.72	0.01	0.47	160.04	21.03	0.28	246.48	0.02	0.47	175.44	23.48	0.28	247.25	0.02
1001	0.33	143.28	15.61	0.20	246.01	0.01	0.33	157.65	17.46	0.24	246.67	0.01	0.33	172.07	20.16	0.29	247.33	0.02
1004	0.30	143.05	13.02	0.14	246.26	0.01	0.29	155.27	14.77	0.23	246.82	0.01	0.30	167.61	17.28	0.31	247.38	0.02
1007	0.28	143.26	11.28	0.12	246.47	0.01	0.28	152.90	12.82	0.22	246.94	0.01	0.29	162.69	14.96	0.32	247.41	0.01
1010	0.27	143.47	10.12	0.12	246.65	0.01	0.27	150.54	11.44	0.22	247.05	0.01	0.27	157.76	13.18	0.32	247.45	0.01
1013	0.24	143.41	9.37	0.13	246.79	0.01	0.24	148.21	10.51	0.22	247.15	0.01	0.24	153.11	11.88	0.30	247.50	0.01
1016	0.20	142.97	8.96	0.14	246.92	0.01	0.20	145.88	9.90	0.21	247.24	0.01	0.20	148.88	10.95	0.28	247.56	0.01
1019	0.16	142.11	8.81	0.16	247.04	0.01	0.16	143.58	9.54	0.21	247.33	0.01	0.16	145.10	10.31	0.27	247.63	0.01
1022	0.12	140.87	8.86	0.17	247.14	0.01	0.12	141.30	9.38	0.21	247.42	0.01	0.12	141.76	9.90	0.25	247.71	0.01
1025	0.09	139.29	9.03	0.18	247.24	0.01	0.08	139.04	9.35	0.21	247.52	0.01	0.08	138.80	9.67	0.23	247.80	0.01
1028	0.06	137.45	9.25	0.19	247.34	0.01	0.06	136.80	9.41	0.21	247.62	0.01	0.06	136.15	9.58	0.22	247.90	0.01
1031	0.04	135.43	9.48	0.20	247.44	0.01	0.04	134.58	9.53	0.21	247.72	0.01	0.04	133.73	9.57	0.21	248.00	0.01
1034	0.03	133.29	9.69	0.21	247.54	0.01	0.03	132.38	9.66	0.21	247.83	0.01	0.02	131.48	9.63	0.21	248.11	0.01
1037	0.03	131.08	9.86	0.21	247.64	0.01	0.02	130.21	9.78	0.21	247.93	0.01	0.02	129.35	9.71	0.20	248.23	0.01
1040	0.02	128.86	9.99	0.21	247.75	0.01	0.02	128.07	9.89	0.21	248.04	0.01	0.02	127.28	9.80	0.20	248.34	0.01
1043	0.02	126.64	10.08	0.21	247.85	0.01	0.02	125.95	9.99	0.21	248.15	0.01	0.02	125.26	9.89	0.20	248.45	0.01
1046	0.02	124.46	10.14	0.21	247.96	0.01	0.02	123.86	10.06	0.21	248.26	0.01	0.02	123.26	9.97	0.20	248.57	0.01
1049	0.02	122.32	10.18	0.21	248.07	0.01	0.02	121.80	10.11	0.21	248.37	0.01	0.02	121.28	10.03	0.20	248.68	0.01
1052	0.02	120.23	10.20	0.21	248.18	0.01	0.02	119.77	10.14	0.21	248.49	0.01	0.02	119.31	10.08	0.20	248.80	0.01
1055	0.02	118.19	10.22	0.21	248.29	0.01	0.02	117.78	10.17	0.21	248.60	0.01	0.02	117.37	10.12	0.20	248.91	0.01
1058	0.02	116.18	10.23	0.21	248.40	0.01	0.02	115.82	10.18	0.21	248.71	0.01	0.02	115.45	10.13	0.21	249.02	0.01
1061	0.02	114.20	10.23	0.21	248.51	0.01	0.02	113.89	10.18	0.21	248.82	0.01	0.02	113.58	10.14	0.21	249.13	0.01
1064	0.02	112.24	10.23	0.21	248.62	0.01	0.02	112.01	10.18	0.21	248.93	0.01	0.02	111.78	10.13	0.20	249.24	0.01
1067	0.03	110.27	10.23	0.21	248.73	0.01	0.03	110.16	10.17	0.21	249.04	0.01	0.03	110.06	10.10	0.20	249.36	0.01
1070	0.03	108.28	10.22	0.21	248.84	0.01	0.03	108.35	10.14	0.21	249.15	0.01	0.03	108.45	10.05	0.20	249.47	0.01
1073	0.04	106.25	10.20	0.21	248.95	0.01	0.04	106.61	10.09	0.21	249.26	0.01	0.04	106.97	9.99	0.20	249.57	0.01
1076	0.05	104.18	10.15	0.22	249.06	0.01	0.05	104.90	10.02	0.21	249.37	0.01	0.05	105.63	9.90	0.20	249.68	0.01
1079	0.06	102.05	10.07	0.22	249.17	0.01	0.06	103.25	9.92	0.21	249.48	0.01	0.05	104.45	9.79	0.20	249.79	0.01

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1082	0.07	99.92	9.95	0.22	249.28	0.01	0.06	101.65	9.79	0.21	249.58	0.01	0.06	103.38	9.67	0.20	249.89	0.01
1085	0.07	98.00	9.79	0.22	249.39	0.01	0.06	100.28	9.66	0.21	249.68	0.01	0.06	102.56	9.58	0.19	249.98	0.01
1088	0.07	96.16	9.58	0.22	249.49	0.01	0.06	98.95	9.51	0.21	249.78	0.01	0.05	101.75	9.53	0.19	250.07	0.01
1091	0.06	94.46	9.32	0.22	249.60	0.01	0.06	97.68	9.39	0.21	249.88	0.01	0.05	100.90	9.57	0.19	250.16	0.01
1094	0.07	93.02	9.06	0.22	249.72	0.01	0.06	96.45	9.34	0.21	249.98	0.01	0.06	99.89	9.73	0.20	250.25	0.01
1097	0.06	91.89	8.93	0.20	249.83	0.01	0.05	95.27	9.44	0.21	250.08	0.01	0.05	98.67	10.04	0.21	250.34	0.01
1100	0.06	91.59	8.92	0.21	249.89	0.01	0.05	94.72	9.56	0.21	250.14	0.01	0.05	97.89	10.29	0.21	250.39	0.01
1103	0.07	91.43	8.97	0.21	249.95	0.01	0.07	94.20	9.74	0.21	250.19	0.01	0.07	96.99	10.57	0.22	250.44	0.01
1106	0.09	91.48	9.13	0.21	250.01	0.01	0.09	93.67	9.99	0.22	250.25	0.01	0.09	95.96	10.89	0.23	250.48	0.01
1109	0.11	91.69	9.39	0.21	250.07	0.01	0.11	93.19	10.31	0.23	250.30	0.01	0.11	94.71	11.24	0.26	250.53	0.01
1112	0.14	92.24	9.82	0.22	250.13	0.01	0.13	92.64	10.70	0.25	250.36	0.01	0.13	93.34	11.65	0.26	250.59	0.01
1115	0.16	92.86	10.32	0.23	250.21	0.01	0.16	92.28	11.16	0.26	250.43	0.03	0.17	91.55	12.02	0.32	250.61	0.06
1118	0.21	94.17	11.12	0.29	250.16	0.04	0.21	91.56	11.67	0.32	250.44	0.15	0.20	89.88	12.51	0.31	250.87	0.26
1121	0.22	95.04	11.80	0.39	250.93	0.35	0.24	91.61	12.27	0.41	250.70	0.84	0.27	87.16	12.81	0.49	249.84	1.33
1124	0.28	97.65	12.98	0.70	246.79	2.69	0.27	90.25	12.72	0.71	249.94	4.69	0.26	85.58	13.37	0.69	255.70	6.67
1127	2.03	107.38	16.49	3.13	229.83	17.81	1.80	81.75	12.36	2.97	217.19	26.07	1.55	91.22	15.46	2.55	338.72	34.43
1130	1.60	115.88	17.76	4.17	208.75	7.60	4.60	80.12	11.82	4.50	189.47	56.71	6.32	45.68	18.54	3.30	207.22	81.33
1133	3.71	117.56	17.79	3.04	199.61	0.14	3.55	84.55	12.42	4.03	193.57	0.26	2.97	20.18	16.81	2.88	103.71	0.52
1136	1.68	116.67	18.19	3.89	208.48	7.37	4.51	80.05	11.70	4.20	189.35	56.49	6.77	44.51	18.24	3.44	207.84	81.26
1139	1.75	108.27	17.03	3.14	229.96	17.56	1.56	81.60	12.40	2.60	217.22	25.55	1.39	88.69	14.53	2.32	339.28	33.65
1142	0.44	96.84	14.39	0.75	247.28	2.81	0.43	89.00	13.69	0.70	250.30	4.78	0.43	83.65	13.82	0.68	255.73	6.74
1145	0.39	91.89	14.01	0.42	251.28	0.42	0.39	89.45	14.17	0.51	251.13	0.89	0.39	86.06	14.36	0.52	250.39	1.36
1148	0.36	88.63	14.23	0.48	250.65	0.04	0.35	88.59	14.54	0.41	251.01	0.17	0.35	89.46	15.10	0.37	251.53	0.29
1151	0.32	85.04	14.50	0.37	250.83	0.01	0.32	88.49	14.99	0.38	251.13	0.04	0.32	91.79	15.61	0.38	251.40	0.05
1154	0.30	82.21	15.12	0.37	250.87	0.01	0.29	88.01	15.49	0.35	251.19	0.01	0.29	94.17	16.19	0.34	251.51	0.02
1157	0.27	79.55	15.89	0.33	250.94	0.01	0.27	87.75	16.03	0.34	251.26	0.01	0.27	96.05	16.64	0.34	251.58	0.01
1160	0.27	77.37	16.84	0.31	251.00	0.01	0.26	87.39	16.61	0.33	251.33	0.01	0.26	97.75	17.08	0.35	251.65	0.01
1163	0.26	75.50	17.88	0.30	251.06	0.01	0.26	87.13	17.21	0.33	251.39	0.02	0.26	99.08	17.43	0.36	251.73	0.01
1166	0.28	74.14	19.03	0.29	251.12	0.02	0.27	86.80	17.81	0.34	251.46	0.02	0.27	100.25	17.73	0.38	251.80	0.02
1169	0.48	73.24	20.46	0.30	251.18	0.02	0.47	86.56	18.40	0.34	251.54	0.03	0.47	101.25	17.73	0.3	251.90	0.02
1172	0.83	73.40	22.94	0.37	251.28	0.06	0.83	86.06	19.56	0.42	251.68	0.04	0.83	101.87	17.97	0.48	252.06	0.05
1175	1.08	76.58	25.73	0.47	251.39	0.17	1.08	85.66	20.49	0.53	251.79	0.18	1.07	101.66	17.73	0.59	252.28	0.17
1178	1.47	83.91	28.22	0.62	251.33	0.66	1.50	85.28	21.06	0.66	252.02	0.65	1.55	100.27	17.62	0.71	252.38	0.64
1181	3.25	91.34	27.90	2.11	252.93	2.47	3.61	82.39	21.24	2.04	252.89	2.47	3.97	84.92	17.66	1.96	254.05	2.48
1184	7.42	114.91	33.28	3.42	252.72	9.11	7.41	79.64	22.32	3.32	255.54	9.10	7.41	63.89	19.89	3.21	253.82	9.09
1187	3.38	142.57	42.18	2.71	156.92	34.60	3.27	79.56	24.03	2.65	161.60	34.50	3.11	62.01	18.21	2.58	1[illegible].24	34.42

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1190	3.56	133.31	43.40	1.57	63.84	9.07	3.37	78.93	25.35	1.51	64.98	9.09	3.36	66.49	16.46	1.46	64.02	9.07
1193	2.59	106.85	34.51	1.20	64.40	2.42	2.58	78.26	23.61	1.17	64.49	2.38	2.57	67.21	16.06	1.14	65.14	2.38
1196	1.90	87.74	24.77	0.89	64.23	0.61	1.89	77.62	19.78	0.85	64.84	0.64	1.89	73.52	16.19	0.81	65.30	0.63
1199	1.30	75.25	15.83	0.61	64.36	0.18	1.29	76.93	15.02	0.58	64.92	0.16	1.29	80.16	14.89	0.54	65.52	0.17
1202	0.81	67.88	8.41	0.39	64.45	0.04	0.80	76.27	10.28	0.36	65.01	0.05	0.81	84.84	12.49	0.32	65.56	0.04
1205	0.45	64.13	3.96	0.23	64.56	0.01	0.44	75.58	6.44	0.20	65.04	0.01	0.44	87.23	9.71	0.17	65.52	0.02
1208	0.21	62.66	4.98	0.11	64.64	0.01	0.20	74.90	4.65	0.11	65.03	0.01	0.20	87.61	7.28	0.10	65.62	0.01
1211	0.14	62.60	7.43	0.07	64.70	0.01	0.14	74.21	5.24	0.09	64.9[illegible]	0.01	0.13	86.48	5.87	0.12	65.28	0.01
1214	0.14	63.12	9.10	0.06	64.73	0.01	0.14	73.53	6.54	0.10	64.9[illegible]	0.01	0.14	84.61	5.74	0.15	65.14	0.01
1217	0.11	63.91	9.47	0.07	64.75	0.01	0.11	73.22	7.04	0.12	64.90	0.01	0.11	83.17	5.92	0.17	65.05	0.01
1220	0.13	64.61	9.69	0.09	64.75	0.01	0.13	72.93	7.48	0.14	64.87	0.01	0.13	81.78	6.22	0.19	64.99	0.01
1223	0.15	65.44	9.79	0.11	64.74	0.01	0.15	72.62	7.83	0.16	64.83	0.01	0.15	80.29	6.58	0.20	64.93	0.01
1226	0.16	66.36	9.78	0.12	64.74	0.01	0.16	72.35	8.12	0.17	64.80	0.01	0.16	78.65	6.94	0.22	64.87	0.01
1229	0.18	67.48	9.70	0.15	64.72	0.01	0.18	72.00	8.36	0.19	64.77	0.01	0.18	76.95	7.32	0.23	64.82	0.01
1232	0.19	68.59	9.59	0.14	64.71	0.01	0.20	71.81	8.54	0.21	64.74	0.01	0.20	74.97	7.66	0.27	64.76	0.01
1235	0.22	70.15	9.48	0.22	64.66	0.01	0.22	71.31	8.70	0.24	64.70	0.04	0.22	73.15	8.01	0.25	64.78	0.07
1238	0.23	71.28	9.36	0.28	64.82	0.09	0.24	71.42	8.84	0.31	64.72	0.22	0.25	70.58	8.33	0.39	64.46	0.34
1241	0.26	73.71	9.41	0.55	63.70	0.70	0.26	70.39	8.95	0.55	64.48	1.22	0.26	69.00	8.66	0.54	65.94	1.74
1244	1.64	81.80	10.63	2.55	59.22	4.64	1.45	63.56	9.06	2.38	55.95	6.78	1.26	73.38	9.45	2.03	87.48	8.95
1247	1.34	88.75	11.17	3.40	53.65	2.01	3.73	62.27	9.14	3.61	48.71	14.75	5.29	36.68	15.72	2.61	53.49	21.33
1250	2.98	90.22	11.17	2.46	51.09	0.15	2.69	65.86	9.03	3.22	49.56	0.26	2.25	16.16	16.63	2.25	26.56	0.52
1253	1.33	89.68	11.41	3.10	53.15	1.82	3.67	62.18	9.21	3.44	48.27	14.24	5.45	35.71	15.85	2.84	52.81	20.32
1256	1.46	83.43	10.90	2.39	58.48	4.42	1.31	63.44	9.17	2.15	55.27	6.44	1.18	70.67	9.39	2.11	86.16	8.49
1259	0.19	75.60	9.69	0.52	62.77	0.71	0.18	69.48	9.22	0.51	63.60	1.21	0.16	65.20	9.14	0.50	65.04	1.70
1262	0.15	73.37	9.54	0.27	63.72	0.10	0.17	69.86	9.29	0.28	63.77	0.22	0.18	65.42	9.20	0.29	63.66	0.35
1265	0.14	72.40	9.54	0.20	63.51	0.02	0.14	69.17	9.34	0.16	63.69	0.04	0.13	66.53	9.25	0.14	63.90	0.07
1268	0.11	71.02	9.52	0.12	63.50	0.01	0.11	69.07	9.40	0.12	63.67	0.01	0.10	66.87	9.33	0.11	63.82	0.02
1271	0.09	70.11	9.56	0.13	63.46	0.01	0.08	68.66	9.47	0.09	63.63	0.01	0.08	67.38	9.40	0.06	63.80	0.01
1274	0.07	69.19	9.63	0.10	63.42	0.01	0.07	68.41	9.55	0.08	63.59	0.01	0.06	67.58	9.48	0.06	63.77	0.01
1277	0.06	68.47	9.72	0.10	63.38	0.01	0.05	68.08	9.65	0.07	63.55	0.01	0.05	67.74	9.57	0.05	63.73	0.01
1280	0.05	67.81	9.84	0.08	63.34	0.01	0.04	67.80	9.76	0.07	63.51	0.01	0.04	67.76	9.67	0.05	63.69	0.01
1283	0.04	67.27	9.98	0.08	63.30	0.01	0.03	67.49	9.88	0.06	63.47	0.01	0.03	67.72	9.79	0.05	63.64	0.01
1286	0.05	66.75	10.12	0.07	63.25	0.01	0.04	67.18	10.02	0.07	63.42	0.01	0.03	67.62	9.92	0.06	63.59	0.01
1289	0.05	65.79	10.52	0.08	63.15	0.01	0.04	66.46	10.39	0.08	63.31	0.01	0.03	67.13	10.27	0.07	63.48	0.01
1292	0.06	64.71	11.04	0.09	63.03	0.01	0.06	65.73	10.80	0.08	63.19	0.01	0.05	66.75	10.58	0.07	63.35	0.01
1295	0.10	63.40	11.62	0.10	62.91	0.01	0.10	65.00	11.21	0.09	63.05	0.01	0.11	66.62	10.81	0.07	63.20	0.01

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1298	0.17	61.62	12.26	0.13	62.78	0.01	0.18	64.28	11.54	0.10	62.91	0.01	0.18	66.97	10.86	0.07	63.04	0.01
1301	0.27	59.25	12.87	0.16	62.67	0.01	0.32	63.56	11.73	0.13	62.76	0.01	0.38	67.95	10.65	0.09	62.86	0.01
1304	0.60	56.23	13.19	0.22	62.24	0.01	0.72	61.94	11.66	0.22	62.29	0.01	0.83	67.77	10.31	0.21	62.35	0.01
1307	0.50	55.86	12.23	0.14	61.81	0.01	0.47	60.33	11.21	0.18	61.82	0.01	0.45	64.87	10.29	0.23	61.83	0.01
1310	0.35	58.22	10.62	0.11	61.69	0.01	0.35	59.62	10.41	0.15	61.68	0.01	0.35	61.02	10.24	0.20	61.66	0.01
1313	0.31	60.08	9.06	0.10	61.55	0.01	0.31	58.91	9.59	0.14	61.54	0.01	0.31	57.80	10.13	0.18	61.53	0.01
1316	0.19	61.25	7.92	0.07	61.43	0.01	0.19	58.21	8.97	0.11	61.43	0.01	0.19	55.34	10.07	0.16	61.43	0.01
1319	0.12	62.11	7.45	0.09	61.35	0.01	0.12	57.92	8.81	0.13	61.37	0.01	0.12	54.04	10.28	0.17	61.40	0.01
1322	0.12	62.66	7.09	0.09	61.29	0.01	0.12	57.64	8.72	0.13	61.33	0.01	0.12	53.05	10.51	0.17	61.37	0.01
1325	0.13	63.23	6.81	0.10	61.23	0.01	0.13	57.36	8.71	0.14	61.29	0.01	0.13	52.10	10.82	0.17	61.34	0.01
1328	0.13	63.79	6.60	0.10	61.16	0.01	0.13	57.10	8.80	0.14	61.24	0.01	0.13	51.15	11.24	0.18	61.32	0.01
1331	0.14	64.43	6.48	0.11	61.09	0.01	0.14	56.78	8.99	0.15	61.20	0.01	0.14	50.27	11.80	0.18	61.31	0.01
1334	0.15	64.99	6.43	0.12	61.02	0.01	0.15	56.57	9.30	0.1[illegible]	61.16	0.01	0.15	49.32	12.50	0.20	61.28	0.01
1337	0.16	65.76	6.53	0.15	60.92	0.01	0.16	56.16	9.75	0.[illegible]	61.10	0.03	0.17	48.62	13.34	0.20	61.32	0.06
1340	0.17	66.16	6.70	0.22	60.97	0.07	0.18	56.15	10.36	0.[illegible]	61.10	0.18	0.18	47.54	14.38	0.27	61.08	0.29
1343	0.18	67.23	7.11	0.38	60.04	0.50	0.17	55.40	11.16	[illegible]	60.86	0.98	0.15	47.29	15.54	0.40	62.28	1.45
1346	1.18	71.81	8.38	1.69	57.36	3.47	1.05	50.83	12.33	[illegible]	53.01	5.40	0.92	51.10	16.72	1.60	80.52	7.36
1349	0.88	74.97	8.43	2.37	53.71	0.16	2.73	51.11	12.65	2.[illegible]	48.72	11.80	4.54	25.10	20.66	1.73	47.60	17.57
1352	3.31	74.75	8.46	1.78	51.62	0.13	2.16	54.65	12.56	[illegible]	51.87	0.25	0.99	10.47	21.76	1.31	22.68	0.55
1355	0.86	75.20	8.99	2.21	53.43	0.02	2.72	51.06	13.28	.35	48.44	11.35	4.64	24.65	29.31	1.86	47.00	16.59
1358	1.05	72.25	9.14	1.64	56.83	3.28	0.95	50.70	13.26	1.54	52.55	5.13	0.86	49.88	17.63	1.60	79.43	7.01
1361	0.18	67.30	10.20	0.38	59.21	0.52	0.16	54.61	14.53	0.37	60.13	0.97	0.14	45.64	19.06	0.37	61.60	1.41
1364	0.18	65.64	12.09	0.25	59.87	0.06	0.18	54.78	16.19	0.24	60.23	0.17	0.19	45.45	20.48	0.23	60.46	0.30
1367	0.21	64.42	14.33	0.25	59.62	0.02	0.20	54.25	18.10	0.21	60.11	0.04	0.20	46.18	21.94	0.18	60.64	0.05
1370	0.24	62.53	16.95	0.27	59.52	0.02	0.24	54.10	20.21	0.24	60.03	0.01	0.24	46.76	23.53	0.21	60.54	0.02
1373	0.30	60.50	19.89	0.33	59.39	0.02	0.29	53.75	22.48	0.29	59.94	0.02	0.29	47.90	25.10	0.25	60.48	0.01
1376	0.37	57.95	23.19	0.40	59.27	0.02	0.36	53.51	24.90	0.36	59.83	0.02	0.36	49.36	26.63	0.33	60.40	0.02
1379	0.45	55.06	26.80	0.48	59.14	0.02	0.45	53.20	27.41	0.45	59.72	0.02	0.45	51.49	28.02	0.41	60.29	0.02
1382	0.55	51.70	30.72	0.58	59.02	0.02	0.55	52.97	29.96	0.54	59.59	0.02	0.55	54.30	29.21	0.51	60.17	0.02
1385	0.66	48.16	34.95	0.69	58.89	0.02	0.66	52.63	32.49	0.66	59.45	0.03	0.66	58.13	30.02	0.63	60.02	0.03
1388	1.34	43.65	40.23	0.80	58.80	0.03	1.33	52.37	34.93	0.77	59.30	0.03	1.33	65.[illegible]	29.62	0.74	59.81	0.03
1391	2.48	40.83	49.77	1.12	58.61	0.06	2.48	51.81	39.36	1.10	58.96	0.04	2.48	79.46	28.97	1.07	59.31	0.03
1394	1.78	38.38	55.71	1.54	57.02	0.12	1.47	49.56	41.49	1.50	57.11	0.12	1.10	90.08	27.41	1.46	57.21	0.11
1397	2.55	33.53	51.60	1.05	55.42	0.07	2.52	47.33	40.21	1.09	55.25	0.04	2.49	81.02	28.96	1.14	55.07	0.03
1400	1.72	33.63	41.96	0.72	55.25	0.03	1.71	46.70	36.08	0.76	54.88	0.03	1.71	64.17	30.30	0.81	54.50	0.02
1403	1.12	39.05	32.44	0.45	55.02	0.03	1.11	46.14	30.63	0.49	54.55	0.02	1.11	53.64	28.90	0.53	54.08	0.02

Oyster Creek Drywell with Sand - Unit Load Case No. 4 (Unflooded seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1406	0.65	43.83	24.21	0.24	54.78	0.02	0.64	45.55	24.89	0.28	54.28	0.02	0.64	47.81	25.62	0.32	53.79	0.02
1409	0.33	46.62	17.46	0.11	54.56	0.01	0.33	44.99	19.54	0.14	54.07	0.02	0.33	44.66	21.68	0.18	53.59	0.02
1412	0.18	48.02	12.55	0.06	54.37	0.01	0.17	44.42	15.20	0.09	53.92	0.01	0.17	42.67	17.91	0.12	53.46	0.02
1415	0.19	49.01	10.24	0.08	54.22	0.01	0.20	43.87	12.51	0.11	53.81	0.01	0.21	40.63	15.06	0.13	53.41	0.02
1418	0.22	50.17	11.04	0.13	54.13	0.01	0.23	43.32	11.96	0.16	53.77	0.01	0.23	38.19	13.57	0.19	53.41	0.01
1421	0.19	51.67	12.36	0.17	54.07	0.01	0.20	43.06	12.33	0.20	53.75	0.01	0.20	36.00	13.20	0.23	53.43	0.01
1424	0.25	53.37	13.96	0.22	54.04	0.01	0.25	42.81	12.95	0.25	53.75	0.01	0.26	33.70	13.02	0.29	53.46	0.01
1427	0.31	55.60	15.77	0.28	54.00	0.01	0.31	42.55	13.72	0.31	53.75	0.01	0.32	30.89	12.89	0.34	53.51	0.01
1430	0.37	58.43	17.72	0.34	53.96	0.01	0.38	42.31	14.53	0.38	53.77	0.01	0.38	27.51	12.70	0.42	53.57	0.01
1433	0.45	61.98	19.76	0.42	53.92	0.01	0.45	42.02	15.27	0.45	53.78	0.01	0.46	23.58	12.40	0.48	53.64	0.01
1436	0.53	66.14	21.74	0.48	53.87	0.01	0.53	41.85	15.87	0.53	53.81	0.01	0.53	18.99	11.90	0.58	53.74	0.02
1439	0.61	71.29	23.74	0.61	53.83	0.04	0.61	41.44	16.21	0.61	53.82	0.03	0.62	14.19	11.30	0.61	53.84	0.01
1442	0.68	76.83	25.53	0.60	53.63	0.18	0.69	41.46	16.30	0.69	53.88	0.09	0.69	9.77	10.59	0.79	54.03	0.01
1445	1.18	83.71	26.78	0.85	54.18	0.87	1.01	40.77	15.75	0.78	53.77	0.54	0.81	8.05	10.19	0.71	53.79	0.20
1448	4.08	89.88	22.56	3.19	49.30	4.31	2.80	36.06	14.13	1.33	48.48	2.83	1.22	12.19	10.64	1.49	48.56	1.41
1451	5.18	36.06	13.31	3.42	35.88	8.06	2.87	28.77	11.18	1.41	37.55	5.40	1.17	20.13	10.94	1.66	38.74	2.54
1454	0.93	13.86	8.73	0.73	27.55	0.31	0.78	22.78	9.79	1.06	29.64	0.39	0.45	29.08	11.04	0.45	30.82	0.35
	1	1	571	97	1180	97	2	5	572	98	1184	1130	3	576	594	99	1140	1131
	372.83	1224.29	685.89	24.37	252.93	36.61	212.93	506.13	464.60	23.07	255.54	56.71	53.27	772.27	328.64	21.01	339.28	81.33

Oyster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
2	419.37	1388.56	544.29	25.46	1632.46	1.16	246.68	560.14	240.48	20.39	1633.79	0.94	74.27	321.44	96.15	14.96	1635.12	0.65
5	118.71	1238.92	349.83	20.69	1611.40	4.54	78.05	558.51	156.15	18.63	1613.37	4.23	37.30	262.41	68.36	16.31	1615.35	3.82
8	33.87	976.21	313.87	15.84	1589.82	4.58	29.44	551.16	170.36	14.95	1593.49	4.21	25.22	255.54	66.33	13.93	1597.18	3.79
11	19.01	760.58	226.78	12.90	1569.50	4.50	19.43	544.02	149.84	11.82	1574.20	4.14	19.87	376.28	88.98	10.67	1578.91	3.73
14	14.13	595.91	170.21	9.30	1550.10	4.44	14.34	539.05	136.99	9.02	1555.38	4.08	14.58	502.35	112.74	8.72	1560.68	3.69
17	10.28	477.36	134.61	7.13	1531.53	4.38	10.32	531.77	128.51	6.70	1537.03	4.03	10.39	597.29	129.31	6.31	1542.54	3.64
20	7.58	396.79	127.11	5.04	1513.68	4.33	7.49	526.05	129.59	4.96	1519.10	3.96	7.42	656.96	140.77	4.91	1524.54	3.60
23	6.30	353.26	140.85	4.05	1496.46	4.28	6.13	519.06	139.15	3.88	1501.58	3.92	5.98	689.62	151.21	3.80	1506.72	3.55
26	6.47	343.75	163.91	3.78	1479.81	4.21	6.41	512.80	154.19	3.68	1484.47	3.83	6.35	699.70	162.38	3.55	1489.16	3.51
29	7.87	366.81	189.28	4.04	1463.80	4.25	7.91	506.18	171.55	4.18	1467.79	4.00	7.96	696.90	176.26	4.33	1471.72	3.59
32	9.65	420.99	215.43	5.02	1448.03	3.92	9.80	499.79	189.13	5.10	1451.41	3.85	9.95	688.61	193.54	5.10	1455.09	3.92
35	6.97	469.45	234.75	6.20	1427.55	6.21	7.88	491.84	205.57	6.22	1429.91	8.47	8.75	679.65	214.54	6.16	1432.28	10.83
38	10.40	455.85	242.91	6.20	1407.63	3.79	10.95	484.23	221.27	6.25	1409.01	3.73	11.52	649.86	230.21	6.14	1410.10	3.82
41	8.44	412.06	247.48	5.35	1393.26	3.97	8.93	478.07	236.83	5.25	1394.08	3.75	9.43	608.28	241.80	5.07	1394.98	3.41
44	7.07	388.12	258.25	4.09	1379.43	3.82	7.52	472.56	252.96	4.42	1379.74	3.49	7.99	579.30	254.82	4.63	1380.02	3.23
47	5.75	381.21	274.86	3.40	1365.80	3.77	6.20	467.04	269.94	3.70	1365.82	3.49	6.66	558.62	268.36	3.94	1365.85	3.20
50	4.71	383.37	295.62	2.57	1352.46	3.70	5.15	461.96	287.61	3.12	1352.37	3.43	5.62	544.08	281.81	3.58	1352.29	3.17
53	3.93	390.94	318.66	2.10	1339.42	3.64	4.36	457.05	305.54	2.68	1339.37	3.39	4.83	533.61	294.53	3.21	1339.33	3.14
56	3.43	401.04	342.54	1.75	1326.66	3.58	3.90	452.47	323.09	2.43	1326.80	3.35	4.40	525.71	306.20	3.08	1326.95	3.11
59	3.22	413.12	366.00	1.54	1314.17	3.52	3.70	448.21	339.57	2.28	1314.64	3.31	4.20	519.39	316.30	3.00	1315.11	3.08
62	3.09	427.04	398.05	1.48	1301.95	3.49	3.62	444.17	354.30	2.19	1302.87	3.28	4.15	514.35	324.27	3.00	1303.80	3.06
65	2.85	441.62	407.92	1.35	1289.82	3.44	3.44	440.51	366.74	2.13	1291.33	3.27	4.04	510.23	329.99	2.95	1292.85	3.07
68	2.62	456.50	424.02	1.50	1277.90	3.40	3.22	436.82	376.04	1.96	1280.13	3.24	3.81	507.09	333.03	2.83	1282.36	3.04
71	2.33	470.84	435.55	1.20	1266.18	3.35	2.95	433.90	381.74	1.96	1269.22	3.21	3.55	502.56	333.75	2.68	1272.28	3.02
74	2.32	485.05	441.07	1.87	1254.65	3.32	2.89	430.67	383.45	1.82	1258.58	3.18	3.40	495.26	332.03	2.32	1262.53	3.00
77	2.98	498.24	440.18	1.66	1243.28	3.26	3.37	428.68	381.05	2.05	1248.16	3.15	3.74	480.40	329.09	2.60	1253.06	2.99
80	4.41	512.68	431.41	2.84	1232.14	3.35	4.57	425.73	374.69	2.60	1237.91	3.14	4.72	456.59	325.08	2.04	1243.73	2.96
83	6.77	527.97	415.33	3.28	1221.06	2.94	6.76	424.94	364.88	3.28	1227.83	3.07	6.74	417.22	322.69	3.64	1234.55	2.95
86	9.64	554.66	391.56	5.16	1210.87	4.68	9.57	421.85	352.60	4.83	1217.73	3.87	9.52	364.76	322.13	4.17	1224.93	3.01
89	13.74	595.96	362.69	6.65	1198.51	2.92	13.65	422.78	338.96	6.87	1208.17	3.12	13.56	301.68	328.75	7.18	1216.62	2.92
92	19.13	676.08	334.64	9.63	1196.95	26.89	18.80	419.03	327.00	9.54	1196.81	18.90	18.51	267.10	341.96	9.40	1201.40	10.95
95	28.71	630.03	325.42	50.78	1149.33	104.69	26.69	382.27	323.31	17.07	1090.75	60.44	20.13	300.63	338.14	25.46	1090.42	34.65
98	54.61	382.70	355.75	70.52	872.61	286.66	25.43	332.79	332.65	27.26	911.36	176.00	17.47	364.90	331.06	35.81	939.62	60.53
101	6.28	207.99	382.66	27.98	643.45	55.92	12.36	288.09	338.68	22.05	782.55	68.92	10.82	418.47	315.40	16.74	817.41	45.27
104	9.75	258.40	37..82	8.91	691.00	17.69	9.95	254.62	335.58	8.64	713.24	13.97	10.15	437.08	304.64	8.47	730.31	10.27
107	7.16	316.29	366.67	6.36	692.72	3.36	7.50	250.56	326.87	7.13	701.05	3.61	7.73	435.65	301.99	7.90	710.52	4.03

yster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
110	5.70	311.35	354.80	5.62	680.58	2.25	5.77	248.20	318.12	5.24	690.56	2.40	5.87	418.91	297.18	4.77	701.01	2.49
113	5.12	286.94	341.42	4.68	676.37	1.90	5.17	247.56	309.92	4.71	685.50	1.74	5.23	393.74	290.54	4.65	694.55	1.67
116	4.58	270.05	329.70	4.22	671.77	1.89	4.62	246.93	302.00	4.24	680.24	1.78	4.68	373.92	284.34	4.20	688.77	1.66
119	4.18	257.99	318.69	3.70	667.15	1.89	4.27	246.32	294.31	3.93	675.01	1.75	4.36	359.67	278.47	4.12	682.90	1.64
122	3.89	250.24	308.46	3.39	662.44	1.88	3.93	245.86	286.83	3.65	669.77	1.74	3.98	349.59	273.20	3.87	677.15	1.62
125	3.50	245.93	298.70	2.90	657.70	1.94	3.54	245.37	279.59	3.31	664.55	1.77	3.59	344.10	268.47	3.72	671.43	1.61
128	3.15	244.57	289.32	2.57	652.64	1.66	3.19	245.21	272.68	2.99	659.34	1.63	3.17	341.90	264.77	3.38	666.08	1.59
131	4.70	246.97	279.46	2.38	647.79	3.18	5.05	245.03	266.37	2.79	654.14	2.87	5.41	340.94	263.20	3.41	660.53	2.57
134	4.26	250.54	259.06	2.13	635.51	3.89	4.76	244.83	255.20	2.63	641.42	3.83	5.26	340.43	263.15	3.46	647.39	3.80
137	4.08	247.49	247.32	2.56	622.90	4.11	4.32	245.11	256.14	2.24	628.84	3.94	4.70	333.54	275.48	2.66	634.87	3.77
140	7.64	242.95	260.28	3.56	610.41	3.91	8.53	246.12	276.48	3.18	616.40	3.85	9.54	303.27	298.05	2.98	622.51	3.75
143	14.48	275.84	316.74	5.77	598.19	4.03	16.16	247.47	317.42	5.59	604.03	3.80	17.94	258.70	320.96	5.38	610.05	3.69
146	24.30	408.00	416.10	8.06	586.60	3.86	27.12	249.66	368.95	9.19	591.80	4.04	30.05	286.43	329.06	10.40	596.93	3.92
149	11.55	547.90	507.55	10.48	568.64	5.72	14.70	247.81	409.64	9.93	572.32	4.59	17.65	388.06	322.75	9.70	576.04	3.85
152	9.48	552.06	534.83	6.48	550.50	3.88	10.30	244.81	421.56	5.31	552.33	3.80	10.72	432.16	319.70	4.85	554.33	3.63
155	16.97	439.80	489.20	9.56	536.07	4.19	18.27	243.91	403.44	8.99	536.57	3.57	19.54	382.80	326.69	8.47	537.11	3.26
158	20.33	291.85	400.47	9.37	522.79	3.31	22.71	243.59	366.25	9.26	522.70	3.21	25.16	338.50	340.54	9.22	522.75	3.02
161	11.61	203.96	326.02	5.18	514.47	2.93	12.46	246.38	336.68	5.71	514.58	2.76	13.47	349.10	352.96	6.33	514.84	2.63
164	8.90	197.44	298.25	4.05	506.24	2.77	9.31	248.54	325.15	4.02	506.92	2.71	10.00	361.01	356.29	4.26	507.76	2.62
167	12.48	236.92	323.58	5.23	498.39	2.72	13.56	251.32	335.98	5.28	499.64	2.71	14.76	339.58	352.79	5.53	501.03	2.64
170	19.74	349.75	394.77	8.17	491.21	2.91	21.40	253.36	362.50	8.54	492.65	2.68	23.13	322.74	338.55	9.00	494.27	2.61
173	29.71	562.95	490.12	10.91	484.82	2.75	32.13	256.42	389.43	12.77	486.03	3.04	34.57	411.12	304.74	14.83	487.02	3.08
176	18.34	690.61	535.88	17.49	470.31	5.42	18.71	252.98	395.34	17.10	470.46	4.09	18.17	502.10	274.98	16.83	470.63	3.09
179	28.51	555.57	480.70	15.24	456.42	2.59	30.84	249.24	370.61	13.68	455.55	2.79	33.24	420.59	279.24	12.10	455.01	2.90
182	19.71	354.64	377.89	9.91	451.28	2.67	21.35	252.09	327.87	9.73	450.36	2.39	23.07	332.19	287.71	9.58	449.48	2.23
185	13.11	259.91	295.18	6.37	446.02	2.39	14.06	253.87	281.93	6.70	445.51	2.34	15.08	359.25	279.80	7.20	445.15	2.26
188	7.76	236.31	239.73	3.48	440.72	2.32	8.34	256.06	243.97	4.29	441.06	2.28	8.98	412.11	264.62	5.35	441.53	2.25
191	3.65	238.73	212.16	2.33	435.52	2.24	3.65	257.70	222.76	2.28	436.88	2.27	3.74	440.36	254.77	3.29	438.36	2.27
194	3.54	237.67	208.65	2.35	430.05	2.30	3.75	259.65	223.00	1.79	432.40	2.26	4.06	435.10	257.30	2.19	434.87	2.27
197	6.84	234.40	229.11	3.73	424.81	2.24	7.40	261.23	244.52	2.97	427.98	2.26	8.03	401.27	273.20	2.36	431.28	2.26
200	12.49	254.65	277.49	5.57	420.33	2.25	13.52	263.18	282.69	5.20	423.99	2.28	14.63	341.04	294.64	4.94	427.75	2.29
203	18.71	343.75	355.53	7.75	416.33	2.45	20.33	264.80	329.70	8.06	419.89	2.34	22.04	293.09	310.39	8.40	423.63	2.24
206	26.75	528.39	454.28	9.89	412.92	2.45	28.90	266.86	374.69	11.50	415.84	2.69	31.11	354.79	311.64	13.20	418.49	2.97
209	17.38	644.76	519.04	15.71	399.47	5.38	17.75	264.59	402.30	15.08	400.79	4.26	17.54	449.67	305.93	14.58	402.12	3.10
212	25.32	544.44	513.35	13.54	386.38	2.29	27.47	261.79	404.44	12.50	386.07	2.46	29.61	444.44	312.10	11.56	386.08	2.77
215	19.69	373.23	462.97	11.64	383.27	2.34	23.23	263.83	388.09	12.00	382.41	2.10	26.67	422.60	321.62	12.30	381.52	1.86

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
218	20.19	247.27	401.52	9.53	379.66	2.10	21.76	265.39	359.11	9.94	378.97	2.04	23.36	457.83	329.64	10.49	378.39	2.02
221	11.85	189.26	344.91	5.78	375.87	2.01	11.09	267.33	325.22	6.63	376.14	2.00	10.43	520.41	328.33	7.63	376.50	2.01
224	4.88	192.96	322.89	4.17	373.76	1.19	4.81	268.14	311.29	4.91	374.91	1.16	4.74	567.49	330.60	5.74	376.22	1.02
227	3.56	204.30	307.74	3.12	371.70	0.89	3.56	268.55	299.48	3.81	373.77	0.94	3.62	595.25	328.60	4.73	375.84	0.89
230	2.58	207.01	295.52	2.21	370.37	2.09	2.51	269.94	290.41	2.86	372.45	1.69	2.58	613.97	326.65	3.61	375.13	1.15
233	2.01	201.18	286.43	2.74	364.33	4.37	2.07	270.13	284.30	2.58	371.85	2.72	2.17	624.99	326.72	3.10	377.61	1.16
236	7.66	198.40	273.08	24.06	358.91	23.41	10.40	284.07	280.48	12.35	392.28	20.50	7.93	640.92	340.84	11.78	404.44	13.00
239	28.84	267.29	237.85	45.19	436.34	90.45	18.37	328.98	280.26	19.97	448.96	58.30	11.21	637.94	356.22	20.03	457.88	24.72
242	23.13	391.68	200.89	26.20	534.81	42.82	14.78	381.93	281.41	11.72	519.06	27.86	9.54	624.79	369.97	11.40	518.62	14.71
245	5.98	438.72	200.57	6.86	554.17	7.10	5.60	407.93	289.77	5.90	551.2	4.06	5.32	609.69	384.64	4.90	552.77	0.96
248	6.11	420.71	223.38	6.80	545.86	2.45	6.19	410.89	300.16	6.58	551.31	1.60	6.27	571.17	383.12	6.36	555.78	0.76
251	7.19	417.96	252.88	8.11	545.70	0.75	7.22	410.70	314.59	7.63	549.68	0.84	7.26	525.13	379.91	7.11	553.98	0.76
254	8.33	428.40	289.08	9.09	544.06	0.95	8.37	412.28	331.20	8.83	548.43	0.83	8.43	471.37	377.09	8.56	552.81	0.75
257	9.56	460.07	330.50	10.40	542.77	0.87	9.60	412.91	349.61	10.15	547.06	0.83	9.66	413.32	372.56	9.89	551.45	0.76
260	10.80	512.62	376.59	11.50	541.49	0.88	10.86	414.20	369.08	11.48	545.70	0.82	10.93	356.16	366.34	11.46	549.97	0.77
263	12.07	588.03	427.36	12.98	540.32	0.88	12.13	414.68	388.84	12.89	544.30	0.82	12.19	312.30	357.62	12.80	548.38	0.77
266	13.64	682.41	479.58	13.98	539.27	0.87	13.70	416.59	408.23	14.44	542.94	0.85	13.77	300.07	346.22	14.92	546.54	0.86
269	14.68	801.52	539.60	16.24	538.24	1.04	14.77	416.05	425.58	16.06	541.36	0.94	14.85	333.91	328.89	15.90	545.06	0.76
272	29.30	1015.45	616.28	16.44	537.97	1.96	34.86	416.81	442.07	17.69	540.06	2.53	40.45	487.17	301.87	19.02	542.17	3.46
275	20.54	1150.11	678.89	22.73	517.07	7.28	21.19	414.23	462.29	22.30	516.68	5.93	21.13	613.51	286.04	21.92	516.19	4.58
278	46.18	918.11	600.31	21.60	496.51	2.32	49.30	410.52	441.69	19.75	493.43	2.68	52.47	483.83	315.01	17.85	490.83	3.25
281	34.73	546.22	456.39	15.47	494.28	2.28	37.14	413.76	398.08	15.26	490.24	2.02	39.62	404.28	347.91	15.03	486.11	1.74
284	24.96	320.95	351.89	10.61	491.33	1.90	26.66	416.07	352.31	11.29	487.38	1.84	28.42	552.50	361.50	11.99	483.50	1.82
287	16.20	251.94	303.46	6.26	487.86	1.81	17.29	418.71	317.09	7.76	485.05	1.82	18.43	719.72	359.54	9.31	482.26	1.79
290	9.59	280.92	295.02	3.36	483.58	1.83	10.22	420.81	296.11	5.18	482.49	1.84	10.88	834.74	354.58	7.09	481.42	1.83
293	3.91	316.40	295.86	1.76	479.20	1.81	4.09	423.11	286.34	2.89	480.16	1.82	4.24	894.79	353.61	5.04	481.14	1.87
296	3.95	318.81	287.89	2.83	475.42	1.82	4.10	425.09	285.66	1.76	478.50	1.85	4.33	894.78	359.78	2.31	481.59	1.90
299	11.05	289.80	276.25	5.26	471.75	1.84	11.83	427.22	297.75	3.63	476.71	1.89	12.67	826.71	371.91	2.32	481.74	1.92
302	19.98	288.40	293.80	8.00	468.30	1.87	21.36	429.39	329.78	6.91	474.68	1.96	22.80	686.15	386.71	5.80	481.09	2.01
305	18.88	371.74	365.11	7.20	461.36	2.43	20.33	431.02	383.22	6.64	466.40	2.20	21.85	516.96	405.56	6.09	475.54	2.05
308	19.99	519.87	473.87	6.60	454.76	1.88	21.38	433.06	450.11	6.92	461.71	1.99	22.86	372.24	428.35	7.25	468.75	2.03
311	32.93	760.62	615.23	10.99	452.55	2.32	35.26	435.23	518.91	12.14	458.41	2.10	37.66	316.90	431.47	13.32	464.46	1.89
314	48.18	1145.28	780.75	15.11	451.11	2.36	51.45	438.09	573.75	18.04	454.97	2.81	54.75	517.64	394.09	21.04	458.31	3.39
317	30.37	1351.49	853.37	26.31	428.77	7.72	30.76	434.75	590.20	25.89	428.91	6.28	30.18	695.29	361.55	25.51	429.01	4.85
320	55.22	1065.99	745.25	25.76	406.40	2.05	58.97	431.60	556.34	23.54	402.93	2.42	62.79	484.99	394.93	21.27	400.00	3.06
323	40.37	623.86	551.83	18.04	404.83	2.02	43.18	434.76	491.78	17.68	399.88	1.71	46.08	360.88	438.41	17.30	394.85	1.37

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
326	27.84	360.25	398.49	11.86	402.30	1.57	29.72	437.09	422.56	12.56	397.18	1.51	31.69	551.06	450.78	13.26	392.17	1.50
329	16.98	275.51	309.66	6.63	399.14	1.48	18.10	439.56	365.96	8.16	395.09	1.49	19.30	747.29	440.00	9.72	391.08	1.46
332	8.77	293.43	281.54	3.05	395.82	1.49	9.14	441.63	330.03	4.50	393.44	1.50	9.65	856.33	419.91	6.28	391.10	1.52
335	7.50	318.41	283.81	3.45	392.59	1.53	7.86	443.65	313.30	3.17	392.12	1.59	8.24	877.70	398.06	3.94	391.60	1.62
338	4.16	325.44	287.48	4.71	385.23	2.11	4.58	445.46	310.17	4.89	386.56	1.89	4.78	864.05	388.86	5.58	387.90	1.70
341	6.54	312.89	282.91	3.49	377.94	1.46	6.78	447.33	317.77	3.51	381.00	1.54	7.05	862.76	402.66	4.53	384.15	1.58
344	10.26	286.82	284.92	4.62	374.93	1.47	10.85	449.29	340.44	3.36	379.69	1.51	11.56	823.28	428.08	2.48	384.49	1.56
347	19.88	302.80	330.35	7.93	372.04	1.49	21.26	451.26	384.19	6.83	378.08	1.56	22.71	690.87	448.83	5.73	384.21	1.59
350	30.30	448.62	440.91	10.97	368.75	1.60	32.37	453.35	447.60	10.87	375.31	1.60	34.52	477.43	456.62	10.77	381.93	1.67
353	41.97	762.74	609.07	14.54	366.31	1.95	44.94	455.24	518.95	15.71	372.06	1.81	47.99	333.29	437.53	16.89	378.06	1.61
356	58.23	1238.90	806.77	18.73	365.79	2.14	62.19	457.37	578.08	22.00	369.47	2.61	66.19	551.48	381.79	25.31	372.60	3.24
359	34.60	1509.71	897.75	29.64	342.63	7.97	34.96	455.39	595.57	29.05	342.14	6.66	34.32	788.59	335.29	28.49	341.60	5.37
362	60.18	1213.25	779.94	23.33	319.32	1.83	64.27	453.56	555.38	25.63	314.60	2.21	68.42	547.74	366.79	22.89	310.48	2.90
365	44.93	736.87	558.97	20.33	318.79	1.73	48.07	456.27	477.93	19.64	312.16	1.41	51.30	361.91	406.61	18.92	305.48	1.04
368	32.16	395.36	379.29	13.82	317.35	1.24	34.35	458.27	393.82	14.40	310.33	1.16	36.63	552.53	413.62	14.98	303.46	1.17
371	21.10	273.22	280.05	8.37	315.19	1.13	22.53	460.42	325.14	9.96	309.25	1.14	24.05	790.04	396.98	11.56	303.37	1.11
374	13.22	298.03	265.22	4.73	311.36	1.18	14.17	462.28	283.22	6.86	307.94	1.18	15.18	954.04	375.68	9.03	303.96	1.16
377	6.67	352.23	285.24	2.03	308.62	1.16	7.10	464.23	264.74	4.26	307.04	1.16	7.55	1050.88	360.42	6.77	305.50	1.20
380	3.88	369.16	292.10	2.68	306.04	1.18	3.12	465.88	259.22	1.80	307.14	1.20	2.44	1077.11	355.13	3.67	308.26	1.24
383	9.36	335.38	272.63	4.88	303.55	1.20	10.01	467.58	262.77	2.87	307.23	1.24	10.71	1025.99	359.80	1.69	310.93	1.29
386	15.04	283.89	250.74	6.51	300.01	1.27	15.95	469.35	283.16	4.70	305.87	1.31	16.94	910.58	374.90	2.93	311.79	1.32
389	21.98	299.26	281.42	8.64	296.73	1.21	23.51	471.18	330.58	7.51	304.09	1.29	25.12	736.87	396.47	6.38	311.59	1.33
392	34.10	474.76	401.29	12.32	295.13	1.27	36.45	472.80	404.27	12.29	303.07	1.32	38.90	491.22	410.92	12.25	311.07	1.44
395	47.29	837.75	594.74	16.24	294.24	1.76	50.58	474.48	489.32	17.70	301.19	1.60	53.95	342.84	397.02	19.16	308.43	1.38
398	63.06	1366.79	820.21	20.15	294.55	1.96	67.35	476.11	561.23	23.86	299.09	2.47	71.71	610.27	347.98	27.58	303.04	3.16
401	37.27	1665.32	925.99	31.72	271.12	8.20	37.54	476.19	587.04	31.07	270.91	6.99	36.82	880.23	304.11	30.42	270.62	5.82
404	64.87	1347.52	802.41	30.72	247.50	1.71	69.27	476.47	548.31	27.61	242.47	2.14	73.74	601.39	342.52	24.49	238.05	2.86
407	49.28	802.20	562.79	22.52	247.49	1.61	52.81	478.91	466.43	21.55	240.12	1.21	56.43	362.67	383.67	20.56	232.72	0.77
410	36.55	429.06	365.60	15.75	246.23	0.95	39.05	480.98	376.18	16.28	238.26	0.90	41.66	559.21	393.06	16.80	230.49	0.94
413	25.45	276.90	267.12	10.17	244.55	0.85	27.18	482.89	304.36	11.82	237.68	0.85	29.01	810.49	378.50	13.48	230.92	0.82
416	16.18	310.73	276.55	5.76	242.44	0.86	17.27	484.59	265.35	8.13	237.71	0.86	18.43	1041.52	358.35	10.50	233.06	0.89
419	7.83	386.07	317.43	2.21	240.12	0.90	8.36	486.34	252.50	4.84	238.21	0.90	8.91	1159.55	343.54	7.61	236.32	0.93
422	3.51	416.80	331.50	2.50	237.73	0.92	2.56	487.95	248.90	2.06	238.93	0.94	1.61	1201.33	340.52	4.84	240.14	0.98
425	7.16	390.30	305.28	4.37	235.35	0.94	7.66	489.63	248.73	2.38	239.62	0.98	8.19	1169.84	351.62	1.82	243.94	1.02
428	15.32	317.30	256.99	7.20	233.03	0.96	16.91	491.17	265.34	4.99	240.03	1.02	18.07	1059.47	375.99	2.94	247.13	1.07
431	26.10	286.17	261.62	10.44	230.94	0.98	27.90	492.76	318.92	8.99	239.93	1.07	29.80	858.79	406.83	7.54	249.12	1.11

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
434	38.37	451.06	395.92	14.11	229.31	1.04	41.01	494.13	411.20	13.88	239.19	1.11	43.77	564.75	431.08	13.64	249.26	1.22
437	52.79	853.13	628.76	18.27	228.63	1.50	56.50	495.51	522.05	19.80	237.64	1.37	60.32	361.90	426.16	21.32	247.05	1.19
440	70.71	1447.78	902.26	22.87	229.24	1.83	75.53	496.52	821.66	26.83	235.69	2.36	80.43	637.04	378.52	30.78	241.61	3.01
443	39.41	1811.50	1050.91	33.75	205.29	8.34	39.72	499.42	672.44	33.06	206.63	7.16	38.86	962.73	336.45	32.36	207.86	6.15
446	63.03	1529.11	953.40	30.66	181.07	1.66	67.26	502.68	650.33	26.96	176.98	2.09	71.59	694.25	382.60	23.27	173.52	2.66
449	44.08	1013.13	724.25	21.36	181.66	1.29	47.17	504.29	573.10	19.56	174.52	0.99	50.36	341.52	434.14	17.76	167.33	0.61
452	37.48	631.31	506.04	17.14	177.79	1.45	40.67	506.94	473.16	17.00	169.17	0.99	43.98	417.46	444.11	16.86	160.85	0.83
455	33.88	363.14	329.89	14.26	172.92	0.62	36.19	509.50	375.81	15.32	164.61	0.68	38.60	719.47	432.40	16.36	156.59	0.62
458	21.65	286.56	252.39	8.38	170.80	0.59	23.12	511.06	303.93	10.42	168.15	0.57	24.68	984.17	411.77	12.46	157.68	0.60
461	11.50	346.49	272.59	3.80	168.41	0.62	12.28	512.76	268.16	6.39	164.28	0.61	13.12	1146.78	389.35	8.98	160.24	0.65
464	4.15	392.20	304.15	2.63	165.97	0.65	3.52	514.28	259.28	2.87	164.80	0.66	2.86	1216.91	375.33	5.66	163.67	0.70
467	6.31	377.81	304.48	3.97	163.65	0.68	6.74	515.96	263.31	2.21	165.49	0.70	7.18	1200.16	373.64	2.19	167.36	0.75
470	15.39	313.14	278.85	7.05	161.56	0.70	16.46	517.35	279.44	4.84	166.08	0.74	17.57	1096.97	382.96	2.85	170.69	0.79
473	25.99	289.13	278.79	10.33	159.86	0.72	27.79	518.93	318.41	8.90	166.36	0.80	29.66	900.22	396.59	7.50	173.06	0.83
476	37.76	455.76	374.71	13.89	158.76	0.78	40.35	520.01	385.50	13.61	166.18	0.83	43.05	612.48	403.71	13.32	173.83	0.93
479	51.30	847.04	566.02	17.63	158.69	1.19	54.91	521.33	468.66	19.15	165.40	1.11	58.62	388.17	387.01	20.66	172.52	0.91
482	67.83	1419.55	802.43	21.88	159.92	1.72	72.47	521.90	542.86	25.66	164.39	2.15	77.15	604.12	343.41	29.41	168.34	2.77
485	39.30	1756.51	919.24	33.18	138.99	8.09	39.58	527.81	573.84	32.51	139.03	7.21	38.92	878.95	302.19	31.83	138.84	6.38
488	67.19	1443.65	798.01	31.97	117.57	1.70	71.73	533.97	539.85	28.70	112.99	2.03	76.33	598.50	344.39	25.46	109.06	2.47
491	50.50	885.76	556.54	23.46	118.43	1.04	54.03	535.30	461.10	22.23	111.61	0.78	57.66	375.44	384.05	20.99	105.11	0.46
494	37.22	505.95	363.14	16.25	118.13	0.51	39.78	537.12	375.64	16.73	110.72	0.45	42.44	596.09	395.45	17.19	103.88	0.51
497	25.61	334.49	279.27	10.58	117.05	0.39	27.37	538.66	312.72	12.10	110.56	0.42	29.22	882.46	384.39	13.60	104.50	0.43
500	15.72	334.81	303.37	5.79	115.67	0.44	16.80	540.44	286.38	8.12	110.97	0.43	17.94	1081.98	368.87	10.43	106.54	0.49
503	7.03	388.02	352.66	2.45	114.22	0.49	7.51	542.18	286.96	4.72	111.83	0.48	8.02	1194.17	359.71	7.33	109.55	0.53
506	3.55	408.51	374.86	2.77	112.86	0.52	2.64	543.99	295.89	2.11	112.95	0.51	1.72	1227.76	362.11	4.52	113.11	0.57
509	8.45	380.66	361.30	4.66	111.67	0.53	9.02	545.87	306.24	2.81	114.13	0.55	9.63	1186.57	376.29	2.06	116.77	0.61
512	17.50	326.57	332.11	7.67	110.73	0.53	18.69	547.45	326.77	5.66	115.17	0.58	19.96	1065.01	399.60	3.81	120.01	0.64
515	28.22	346.28	345.72	10.87	110.16	0.54	30.16	549.19	372.55	9.79	115.92	0.63	32.19	854.05	424.95	8.74	122.30	0.68
518	39.04	554.72	459.46	14.01	109.24	0.65	41.53	550.72	447.67	14.06	115.34	0.69	44.13	576.19	442.29	14.10	122.16	0.75
521	50.64	952.00	658.54	16.90	109.01	0.91	54.15	552.71	537.27	18.87	114.20	0.90	57.76	431.22	436.06	20.81	120.19	0.74
524	66.89	1514.58	895.04	21.19	110.58	1.66	71.46	553.09	615.06	25.32	113.90	1.99	76.10	707.76	400.93	29.39	116.99	2.52
527	39.30	1847.39	1010.54	33.40	97.55	7.70	39.51	561.86	647.55	32.71	98.14	6.99	38.69	978.71	364.99	31.98	98.34	6.32
530	67.15	1537.08	890.05	32.30	84.01	1.78	71.68	570.83	612.60	28.72	82.16	1.97	76.27	712.57	400.92	25.22	81.10	2.26
533	49.93	982.80	650.74	23.67	84.59	0.88	53.43	571.96	529.31	22.06	82.14	0.75	57.05	461.43	429.60	20.50	81.14	0.55
536	36.05	603.45	457.30	16.16	84.59	0.47	38.51	573.98	435.50	16.31	82.45	0.42	41.09	611.63	424.29	16.48	82.20	0.50
539	24.01	406.69	359.69	10.39	84.22	0.35	25.66	575.57	360.91	11.54	83.03	0.40	27.43	857.67	393.98	12.69	83.63	0.44

yster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
542	14.49	357.87	360.07	5.73	83.67	0.40	15.47	577.73	324.13	7.71	83.74	0.39	16.53	1036.64	361.04	9.70	85.21	0.47
545	6.67	377.35	401.52	2.64	83.03	0.46	7.12	579.77	323.67	4.65	84.50	0.43	7.60	1138.69	343.38	6.87	86.93	0.49
548	3.65	393.57	434.89	2.86	82.33	0.50	3.20	582.10	344.00	2.57	85.20	0.45	2.59	1170.82	351.25	4.52	88.73	0.49
551	7.68	386.76	447.52	4.15	81.62	0.51	8.16	584.43	374.69	2.79	85.74	0.48	8.67	1137.25	383.98	2.50	90.50	0.51
554	14.98	374.29	453.48	6.48	80.95	0.51	15.99	586.71	417.03	4.87	86.06	0.50	17.07	1037.59	434.03	3.57	91.94	0.52
557	23.66	413.56	487.13	9.03	80.46	0.49	25.24	589.13	477.66	8.11	86.07	0.54	26.92	872.95	490.58	7.27	92.70	0.54
560	34.20	582.34	584.34	12.30	80.31	0.59	36.55	591.16	558.65	12.40	85.77	0.54	39.03	666.52	542.04	12.51	92.37	0.64
563	47.56	918.99	752.52	16.04	80.78	0.79	50.92	593.36	651.38	17.87	85.17	0.91	54.38	562.10	574.46	19.69	90.68	0.62
566	63.90	1430.87	967.10	20.36	82.06	1.87	68.27	594.81	737.41	24.27	84.60	1.81	72.76	789.97	582.57	28.08	87.40	2.37
569	38.81	1757.66	1107.33	32.52	79.28	7.10	42.16	606.90	790.53	3[illegible]97	80.43	6.93	44.93	1058.23	567.61	33.60	81.15	6.28
572	43.33	1595.21	1081.94	32.92	74.57	2.69	55.58	626.82	783.25	3[illegible]2	74.47	2.43	67.63	1055.45	558.98	29.14	75.10	2.78
575	23.36	1301.59	1010.60	26.75	74.77	0.37	25.82	635.35	765.55	25.04	73.89	0.94	28.16	951.63	558.90	23.43	74.45	0.88
578	20.57	1109.20	941.76	23.45	74.45	0.44	20.79	636.65	748.89	22.71	73.40	0.34	21.10	855.98	577.73	22.04	73.77	0.47
581	18.36	942.02	880.76	21.36	74.20	0.31	18.44	636.99	729.77	20.53	72.87	0.39	18.52	799.78	592.65	19.74	73.31	0.41
584	16.48	794.38	824.41	18.92	73.90	0.34	16.54	638.12	708.75	18.46	72.42	0.36	16.64	782.97	601.11	18.05	72.90	0.39
587	14.68	668.60	775.28	16.84	73.58	0.34	14.73	638.96	687.05	16.51	72.02	0.35	14.82	796.45	604.80	16.21	72.55	0.37
590	12.99	564.40	733.28	14.79	73.26	0.34	13.04	639.80	665.40	14.68	71.66	0.34	13.12	830.80	603.57	14.58	72.22	0.35
593	11.43	481.47	699.41	12.92	72.94	0.32	11.45	641.14	644.51	12.97	71.36	0.34	11.52	876.49	598.82	13.00	71.91	0.34
596	9.93	421.98	672.35	11.21	72.73	0.39	9.97	641.37	624.90	11.39	71.07	0.34	10.05	927.98	590.22	11.56	71.58	0.33
599	8.75	379.18	653.69	9.83	72.00	0.49	8.76	6[illegible].09	606.34	10.18	70.96	0.47	8.85	978.90	579.71	10.48	71.53	0.33
602	9.01	388.45	631.38	21.95	73.24	3.32	11.61	6 5.34	587.41	23.64	71.76	1.92	7.76	1011.01	569.71	14.59	72.42	0.87
605	16.45	444.76	614.89	19.94	76.10	2.57	9.87	673.24	582.89	22.33	73.96	1.57	8.99	1028.98	575.89	14.03	74.17	0.84
608	10.85	463.11	592.72	6.80	76.52	0.43	11.07	688.95	554.40	7.51	75.19	0.40	11.35	1088.67	552.48	8.26	75.19	0.33
611	7.16	463.66	588.99	4.12	76.18	0.44	7.32	692.06	533.73	5.47	75.17	0.38	7.52	1155.79	527.67	6.80	75.06	0.34
614	4.07	473.31	586.45	2.91	76.24	0.34	4.17	693.73	516.71	3.68	75.23	0.33	4.26	1199.70	503.70	4.78	74.94	0.32
617	2.15	479.70	579.92	1.94	76.40	0.35	2.05	696.47	500.96	2.29	75.41	0.33	1.80	1217.88	482.75	3.47	75.02	0.33
620	2.66	482.33	565.17	2.63	76.71	0.34	2.66	698.65	485.14	1.87	75.71	0.33	2.66	1212.74	464.81	1.99	75.30	0.32
623	5.01	482.15	542.02	3.46	77.16	0.34	5.12	701.22	469.00	2.55	76.12	0.32	5.24	1184.10	451.26	2.01	75.77	0.33
626	8.06	487.34	511.50	4.88	77.73	0.32	8.26	703.55	453.58	3.83	76.64	0.32	8.48	1129.96	442.12	2.94	76.42	0.33
629	11.35	510.10	478.57	6.49	78.41	0.31	11.67	705.74	441.24	5.58	77.25	0.32	12.02	1048.05	437.79	4.74	77.20	0.33
632	15.20	565.84	452.36	8.22	79.19	0.30	15.57	708.07	435.12	7.69	77.97	0.32	15.99	937.33	437.41	7.21	78.06	0.34
635	19.53	670.51	446.18	10.44	80.03	0.30	20.01	709.99	438.04	10.20	78.78	0.32	20.55	799.73	439.62	9.96	73.93	0.36
638	24.25	831.47	472.12	12.41	80.91	0.27	24.82	712.59	451.01	12.89	79.68	0.36	25.45	646.03	442.55	13.36	79.80	0.34
641	29.36	1054.47	534.64	15.07	81.78	0.40	30.10	713.99	472.10	15.92	80.68	0.31	30.89	518.99	444.69	16.72	80.66	0.48
644	35.33	1339.37	626.48	17.35	82.67	0.65	36.24	716.90	496.33	19.40	81.75	0.85	37.19	516.73	447.65	21.37	81.64	0.56
647	41.82	1693.12	736.75	20.77	83.37	2.55	42.88	717.25	517.24	23.15	83.09	2.41	43.98	700.96	456.68	25.39	82.68	2.75

yster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
650	28.42	1899.60	790.68	27.45	86.64	9.60	27.98	731.93	528.51	27.05	87.90	9.74	27.08	835.31	459.57	26.60	87.69	9.43
653	42.06	1722.64	740.31	28.00	89.18	2.67	43.11	746.43	523.84	25.84	91.46	2.43	44.19	691.36	458.60	23.81	93.25	2.61
656	35.17	1373.61	633.30	23.94	88.60	0.60	36.06	746.94	505.97	22.04	91.83	0.87	37.00	521.12	452.30	20.23	95.78	0.70
659	29.49	1084.53	544.06	19.35	88.18	0.49	30.14	749.81	484.40	18.59	92.44	0.36	30.84	546.39	452.49	17.87	97.49	0.47
662	23.84	858.52	489.22	15.83	88.13	0.34	24.43	751.25	466.42	15.41	92.91	0.41	25.08	681.23	451.05	15.00	98.69	0.37
665	18.91	689.75	471.52	12.15	88.30	0.44	19.37	754.01	456.72	12.46	93.28	0.36	19.88	835.37	447.24	12.76	99.30	0.44
668	9.22	589.53	483.45	9.88	88.53	0.44	9.01	759.12	456.52	10.32	93.86	0.70	8.85	947.30	441.61	10.74	100.02	0.60
671	7.19	534.79	491.87	8.20	88.96	0.31	8.60	760.97	456.86	9.21	94.18	0.30	10.09	1020.55	441.94	10.18	100.10	0.28
674	13.02	486.35	529.34	6.97	89.65	0.45	13.50	761.64	469.02	8.18	94.23	0.41	14.05	1118.66	438.49	9.34	99.55	0.42
677	7.82	448.06	574.43	4.32	90.25	0.49	8.13	765.06	486.85	5.80	94.19	0.43	8.48	1214.87	437.40	7.23	98.67	0.42
680	3.64	436.13	609.77	2.29	90.91	0.51	3.71	768.78	504.01	3.81	94.05	0.43	3.81	1270.63	439.80	5.34	97.56	0.41
683	2.00	436.01	627.14	2.80	91.59	0.53	1.67	772.34	515.83	2.35	93.86	0.43	0.93	1289.47	444.93	3.61	96.42	0.41
686	4.44	443.46	625.31	2.96	92.28	0.53	4.66	776.40	520.28	2.47	93.67	0.43	4.89	1271.99	451.87	2.38	95.40	0.40
689	8.63	465.26	605.49	4.51	92.96	0.52	8.97	780.04	517.93	3.44	93.53	0.43	9.33	1218.59	459.88	2.51	94.59	0.41
692	13.45	515.89	574.14	6.01	93.61	0.50	13.97	784.37	511.65	5.19	93.47	0.44	14.54	1126.42	469.15	4.61	94.03	0.41
695	18.57	615.34	542.05	8.16	[illegible]	0.49	19.26	787.94	505.85	7.52	93.53	0.42	20.01	996.75	479.04	6.90	93.71	0.42
698	24.52	776.57	526.41	10.08	94.78	0.41	25.49	792.44	505.03	10.33	93.74	0.48	26.52	834.08	489.99	10.60	93.64	0.40
701	31.52	1014.10	544.19	12.99	95.22	0.63	32.77	795.37	511.41	13.74	94.11	0.44	34.08	666.98	501.49	14.43	93.79	0.66
704	33.90	1305.35	595.92	12.60	95.70	1.28	34.27	802.17	522.99	14.44	94.73	1.44	34.67	576.43	516.03	16.25	94.22	1.09
707	35.06	1625.30	665.26	12.87	95.80	2.13	36.48	806.84	534.44	15.40	95.31	1.90	37.91	631.52	538.10	17.78	95.04	2.37
710	24.30	1789.82	690.76	21.78	101.30	7.14	23.99	823.56	539.99	21.49	103.78	7.34	23.50	681.04	550.55	21.14	104.48	6.87
713	42.95	1597.44	639.90	24.81	108.18	2.14	44.61	840.48	536.26	22.71	111.08	1.78	46.32	597.86	547.70	20.73	113.81	2.08
716	34.13	1256.35	566.83	20.18	106.80	0.56	35.49	843.24	529.93	18.67	110.67	0.85	36.91	588.23	535.02	17.23	115.33	0.56
719	27.13	994.34	538.96	15.45	105.77	0.60	28.11	848.19	521.01	15.15	110.36	0.46	29.16	734.56	532.25	14.86	115.82	0.55
722	20.53	808.87	558.52	11.93	105.15	0.49	21.33	851.95	544.26	12.06	109.85	0.52	22.20	907.43	533.58	12.18	115.55	0.47
725	15.13	685.50	607.97	8.60	104.76	0.55	15.66	857.14	568.89	9.43	109.20	0.50	16.25	1055.72	539.35	10.22	114.57	0.48
728	10.37	612.94	666.91	6.16	104.54	0.57	10.77	861.85	600.17	7.24	108.42	0.51	11.23	1170.04	549.06	8.25	113.37	0.47
731	6.36	575.04	721.46	3.93	104.45	0.61	6.60	867.57	632.28	5.35	107.56	0.52	6.89	1249.28	562.42	6.70	111.24	0.46
734	3.08	560.30	763.14	2.76	104.45	0.63	3.16	873.07	660.23	3.85	106.68	0.53	3.25	1297.41	577.43	5.20	109.30	0.46
737	1.38	559.67	788.48	2.80	104.52	0.65	1.37	879.02	680.66	2.69	105.84	0.53	0.72	1317.81	592.26	4.04	107.43	0.46
740	2.83	570.60	796.09	2.95	104.67	0.65	2.97	885.13	691.90	2.62	105.12	0.54	3.10	1312.70	605.37	2.75	105.81	0.46
743	5.66	594.52	786.47	3.65	104.90	0.65	5.87	891.27	693.94	3.00	104.58	0.54	6.09	1282.60	616.28	2.50	104.55	0.47
746	8.99	636.48	762.08	4.23	105.20	0.63	9.33	897.84	688.21	3.67	104.26	0.54	9.71	1225.76	625.62	3.46	103.74	0.47
749	12.53	705.35	727.16	5.62	105.59	0.51	13.05	903.92	677.41	4.91	104.20	0.53	13.63	1141.30	634.24	4.23	103.40	0.49
752	16.92	809.50	689.32	6.85	106.04	0.55	17.58	910.64	665.12	6.71	104.42	0.55	18.30	1028.35	644.11	6.66	103.52	0.48
755	21.76	961.76	658.06	8.90	106.54	0.61	22.68	916.43	655.03	9.02	104.94	0.46	23.65	892.22	656.46	9.09	104.07	0.60

ter Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
758	27.59	1169.27	644.60	10.54	107.07	0.42	28.71	923.41	650.11	11.72	105.75	0.86	29.87	751.52	675.41	12.86	105.04	0.41
761	34.26	1444.17	657.51	13.31	107.58	1.88	35.63	928.67	651.21	14.94	106.88	1.39	37.03	662.90	702.63	16.43	106.42	2.11
764	19.79	1630.64	677.49	17.04	109.74	6.08	19.39	947.67	657.12	16.85	110.20	6.53	19.13	646.23	718.18	16.60	110.27	5.79
767	28.03	1545.53	682.24	17.37	110.45	1.98	29.11	966.87	666.27	15.77	111.88	1.42	30.21	662.26	713.99	14.28	113.17	2.02
770	20.87	1345.44	682.28	13.80	109.64	0.50	21.65	972.18	678.90	12.46	111.86	0.88	22.47	720.37	703.71	11.27	113.36	0.45
773	14.92	1208.38	697.34	9.97	109.31	0.62	15.51	980.05	695.31	9.53	112.03	0.56	16.17	811.78	705.95	9.16	115.14	0.59
776	10.09	1135.11	723.36	7.25	109.41	0.81	10.49	986.40	715.66	7.15	112.29	0.56	10.92	893.89	715.50	7.14	115.71	0.86
779	10.32	1077.48	754.91	9.12	110.63	1.53	12.74	999.16	739.26	9.44	113.72	1.98	15.09	975.68	730.11	9.78	117.45	1.44
782	17.49	989.13	792.28	10.57	111.55	0.92	18.18	1011.48	766.23	10.73	114.62	0.56	18.90	1078.04	745.69	10.93	118.43	0.89
785	12.59	903.25	836.40	7.96	112.02	0.61	13.09	1019.85	796.60	8.47	114.59	0.70	13.63	1178.86	762.92	9.00	117.88	0.56
788	8.76	855.70	880.79	5.83	112.85	0.70	9.04	1028.54	827.74	6.66	114.71	0.63	9.34	1257.54	783.37	7.52	117.25	0.64
791	5.37	834.78	919.53	4.28	114.00	0.71	5.60	1037.68	857.32	5.12	115.08	0.67	5.79	1312.18	805.78	6.08	116.76	0.63
794	2.79	832.45	949.62	3.57	115.49	0.73	2.89	1047.16	883.80	3.84	115.77	0.68	2.76	1342.60	829.36	4.81	116.58	0.66
797	2.81	843.58	970.03	3.35	117.33	0.73	2.95	1057.07	906.36	3.35	116.85	0.70	2.98	1348.98	853.47	3.74	116.88	0.68
800	5.36	866.67	981.43	4.25	119.54	0.73	5.55	1067.03	925.13	3.77	118.40	0.71	5.76	1333.41	877.52	3.40	117.79	0.71
803	8.54	903.56	986.43	4.58	122.15	0.72	8.93	1077.64	940.97	4.48	120.47	0.73	9.36	1296.10	901.50	4.63	119.38	0.74
806	12.29	960.96	988.48	6.16	125.15	0.71	12.77	1087.94	955.32	5.81	123.10	0.74	13.29	1239.83	925.21	5.40	121.69	0.78
809	17.08	1046.78	992.88	7.27	128.53	0.68	17.75	1099.23	969.75	7.67	126.32	0.77	18.48	1168.26	949.03	8.19	124.74	0.79
812	21.62	1174.92	1004.48	9.37	132.29	0.74	22.61	1109.67	985.32	9.83	130.14	0.71	23.65	1094.34	972.74	10.19	128.52	0.93
815	27.26	1352.60	1027.00	10.56	136.42	0.56	28.36	1121.63	1002.31	12.29	134.54	1.07	29.52	1043.46	998.57	13.97	133.09	0.63
818	33.78	1596.16	1062.06	13.60	140.74	1.80	35.14	1132.04	1019.88	15.46	139.66	1.04	36.53	1053.55	1027.49	17.12	138.37	2.26
821	20.90	1759.74	1087.57	18.68	137.29	5.09	20.45	1155.14	1036.59	18.38	137.28	5.90	19.95	1081.53	1050.03	18.01	137.11	4.54
824	32.68	1666.97	1087.42	19.54	132.58	1.89	33.93	1177.90	1051.17	17.86	133.48	1.07	35.22	1066.62	1062.02	16.31	134.92	2.24
827	25.54	1463.25	1082.08	16.10	136.54	0.61	26.54	1189.67	1066.18	14.74	138.34	1.15	27.60	1073.94	1068.77	13.56	140.71	0.72
830	20.50	1316.45	1093.36	12.70	141.40	0.79	21.17	1202.97	1084.25	12.32	143.57	0.82	21.90	1140.97	1080.06	11.98	146.66	1.09
833	15.61	1217.58	1120.85	10.12	146.88	0.73	16.17	1216.46	1106.74	10.23	149.28	0.92	16.84	1227.00	1093.83	10.31	152.71	1.02
836	11.35	1152.51	1158.81	7.91	152.91	0.76	11.78	1230.39	1133.48	8.37	155.43	0.92	12.32	1314.34	1108.81	8.95	158.97	1.08
839	8.16	1109.26	1203.51	6.16	159.41	0.80	8.31	1245.76	1163.15	7.23	162.03	0.96	8.63	1392.34	1125.57	7.99	165.56	1.10
842	5.89	1080.62	1247.65	5.66	166.30	0.76	6.12	1260.14	1193.37	6.26	169.08	0.99	6.42	1462.29	1141.64	7.49	172.63	1.17
845	1.76	1063.36	1289.47	3.86	173.43	0.99	3.51	1276.10	1222.90	5.80	176.60	1.09	5.83	1518.18	1159.19	7.46	180.34	1.26
848	5.23	1051.52	1341.78	8.11	186.23	1.36	5.81	1304.41	1261.43	7.75	190.10	1.34	6.37	1585.97	1183.80	9.73	194.33	1.33
851	4.86	1032.18	1376.17	6.11	199.63	1.40	5.61	1334.65	1282.38	8.26	204.83	1.42	6.03	1657.60	1191.36	9.57	210.23	1.42
854	6.67	1031.27	1379.93	9.25	213.58	1.55	7.50	1364.19	1278.94	8.21	220.61	1.45	8.04	1716.61	1178.58	9.71	227.74	1.47
857	10.59	1063.94	1349.03	5.41	228.07	1.58	12.23	1397.00	1246.73	8.81	237.15	1.67	13.55	1749.30	1146.54	11.02	246.37	1.38
860	17.99	1168.61	1277.12	10.67	243.22	2.09	20.27	1427.49	1182.94	9.26	254.16	1.61	22.56	1746.08	1092.02	9.34	265.07	2.32
863	12.37	1249.80	1180.68	10.13	245.55	2.81	12.98	1470.46	1087.25	11.66	257.54	3.65	13.98	1768.18	1000.15	13.04	269.85	2.19

31-Oct-90

yster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
866	21.79	1206.48	1058.11	13.59	245.83	1.82	24.50	1510.03	960.00	13.06	259.33	1.42	27.00	1863.06	864.16	14.05	273.69	1.95
869	20.76	1215.87	871.66	5.51	257.85	1.77	20.81	1543.48	793.78	9.11	274.43	1.64	20.48	1877.64	717.30	12.06	291.66	1.84
872	40.24	1459.52	605.03	11.86	264.67	3.68	43.16	1575.13	601.40	10.44	283.44	3.19	46.22	1710.03	599.39	7.82	303.80	1.90
875	108.98	1376.28	427.26	71.43	209.64	7.00	120.13	1276.43	491.58	61.53	231.87	8.02	130.76	1253.74	544.53	56.02	258.98	11.86
878	107.23	858.96	416.56	102.79	99.25	12.90	99.20	776.28	512.41	89.30	140.14	22.49	93.60	669.58	625.67	74.86	192.14	38.77
881	21.51	531.32	385.34	39.10	53.18	7.44	23.30	550.25	485.33	39.70	98.20	6.05	23.17	331.88	641.77	25.00	174.61	16.32
884	5.36	557.92	197.22	6.40	50.49	1.77	5.16	467.47	327.65	6.15	92.07	2.12	5.52	368.43	465.93	6.95	183.83	0.85
887	6.96	627.73	81.56	4.78	49.45	0.75	6.70	469.59	156.04	6.53	95.65	0.68	7.07	331.76	299.99	6.99	191.93	1.44
890	9.83	707.97	255.19	9.12	48.31	0.69	9.62	479.12	114.57	10.09	97.89	0.81	10.01	263.10	159.15	9.73	194.51	0.92
893	14.19	822.22	473.17	12.08	47.92	1.61	13.26	485.06	273.23	14.45	95.40	1.31	12.93	173.44	120.79	15.34	192.34	1.43
896	18.19	972.95	699.72	17.05	48.27	0.47	18.11	490.47	452.00	20.38	90.47	1.49	18.57	117.33	215.41	22.04	186.16	0.94
899	25.05	1180.70	944.89	23.90	49.44	0.85	24.98	487.51	634.11	29.04	85.56	1.91	25.61	221.11	330.42	32.18	177.22	1.54
902	84.82	1454.81	1182.81	55.74	49.96	2.05	52.16	480.87	796.43	37.56	78.62	2.91	19.18	475.89	419.08	23.28	160.79	4.86
905	30.56	1719.74	1527.66	83.06	54.55	4.68	22.63	466.29	1077.86	34.56	61.70	5.58	15.92	740.79	642.43	21.60	126.15	8.27
908	6.52	1811.04	1779.29	66.77	61.36	5.50	12.20	451.46	1323.71	19.48	45.56	5.25	10.75	851.24	884.36	37.22	81.05	7.77
911	29.74	1686.76	1901.92	49.17	74.72	7.28	22.56	435.64	1501.26	19.48	50.77	4.85	14.16	764.49	1114.62	44.93	46.26	6.60
914	40.34	1438.12	1913.51	33.53	97.24	8.18	29.76	416.76	1599.66	17.35	84.02	6.02	18.33	562.18	1297.33	41.04	72.07	4.64
917	37.65	1159.31	1843.76	24.48	127.39	9.96	27.52	395.92	1619.11	16.36	127.96	7.19	16.96	335.89	1403.00	29.50	128.54	5.40
920	26.61	930.91	1725.46	22.97	163.73	10.73	18.77	374.76	1570.22	15.76	175.31	9.42	11.15	163.51	1421.65	16.58	187.32	7.22
923	23.38	754.34	1567.84	24.34	208.16	15.16	17.35	358.38	1465.59	21.62	228.41	10.06	10.97	91.29	1367.91	19.19	248.62	9.56
926	21.21	595.61	1376.37	16.32	253.37	13.75	14.55	343.36	1315.82	14.34	279.31	13.29	8.63	115.77	1258.14	12.59	304.83	11.68
929	11.06	482.13	1167.43	15.30	290.99	15.96	7.17	327.26	1134.07	14.22	320.28	14.29	4.39	180.28	1102.65	13.69	349.63	13.49
932	5.46	426.12	954.53	15.20	324.15	15.34	4.49	313.04	931.11	13.58	355.23	15.37	2.20	206.54	909.27	13.07	386.36	14.96
935	8.20	379.03	731.10	13.77	347.84	19.80	5.76	301.31	714.21	12.33	382.20	18.16	2.98	227.48	697.87	11.38	416.02	16.55
938	3.49	328.84	496.42	18.81	348.94	12.71	4.09	303.11	490.25	13.81	419.60	18.33	8.48	225.59	467.52	12.40	414.76	15.89
941	17.07	344.11	481.99	36.90	390.76	30.20	15.58	360.58	490.24	29.08	478.46	33.36	13.85	230.19	452.04	16.58	448.54	22.63
944	70.96	570.98	480.56	70.55	692.95	92.80	68.57	513.82	466.96	57.45	724.04	104.71	67.90	436.79	443.60	45.51	736.04	110.90
947	95.65	990.58	542.39	56.06	1305.90	81.80	98.89	880.28	515.72	43.20	1298.28	82.62	101.64	886.37	519.48	35.03	1325.76	82.22
950	27.92	1177.99	554.95	15.66	1672.41	20.68	27.75	1137.76	552.19	13.27	1668.39	19.31	27.53	1173.88	565.92	12.44	1688.62	19.75
953	8.59	1070.86	509.23	8.84	1667.22	4.50	8.62	1140.62	538.63	9.82	1678.66	5.28	8.66	1229.68	569.13	9.62	1684.18	4.36
956	6.74	1006.72	467.92	8.58	1672.17	1.65	6.50	1123.96	511.46	6.84	1679.43	0.80	6.45	1281.23	563.27	5.73	1688.17	1.55
959	5.05	953.73	433.47	5.59	1674.73	0.17	5.16	1120.48	490.93	5.50	1682.38	0.69	5.55	1297.24	548.71	4.94	1689.69	0.08
962	5.38	931.78	414.33	5.15	1677.87	0.49	5.04	1109.41	473.08	4.98	1684.65	0.31	4.95	1298.95	533.77	5.12	1691.55	0.41
965	6.13	929.87	404.85	5.41	1680.89	0.39	6.12	1101.93	458.54	5.95	1687.08	0.39	6.25	1274.63	522.99	6.37	1693.28	0.32
968	7.96	955.41	409.61	6.70	1683.78	0.39	7.91	1092.40	447.98	7.56	1689.38	0.36	7.91	1231.23	487.39	8.45	1695.02	0.33
971	9.89	1004.88	425.39	8.46	1686.41	0.39	9.88	1083.83	440.60	9.42	1691.62	0.34	9.89	1168.47	457.80	10.36	1696.82	0.36

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
974	11.99	1078.83	451.04	10.32	1688.78	0.28	11.98	1074.74	435.21	11.39	1693.75	0.44	11.98	1090.83	423.25	12.47	1698.84	0.31
977	14.27	1176.91	483.86	12.46	1690.60	0.71	14.27	1065.86	430.03	13.56	1695.98	0.37	14.26	1000.83	381.72	14.65	1700.95	0.75
980	16.58	1299.59	521.37	14.59	1692.65	1.66	16.58	1056.87	422.95	15.74	1697.47	2.07	16.58	904.63	331.55	16.89	1704.04	1.64
983	14.54	1373.96	533.13	15.73	1705.59	7.61	14.83	1047.41	411.20	15.43	1712.06	7.24	13.82	843.43	295.81	15.13	1718.69	7.66
986	13.12	1322.42	506.71	13.31	1719.78	1.43	12.72	1036.30	392.81	12.03	1728.13	1.65	12.34	854.84	284.83	10.75	1734.73	1.45
989	11.78	1209.91	449.28	12.28	1722.82	0.51	11.75	1026.18	368.99	11.24	1730.85	0.41	11.77	905.38	293.07	10.18	1739.19	0.58
992	14.60	1094.69	386.77	10.37	1723.95	0.32	14.59	1017.38	341.62	9.41	1732.56	0.30	14.6[illegible]	969.71	299.49	8.62	1741.12	0.21
995	13.84	970.17	283.43	6.89	1726.93	0.27	13.76	997.79	276.69	6.00	1735.48	0.23	13.7[illegible]	1033.65	272.25	5.09	1744.06	0.21
998	7.97	879.06	189.44	4.34	1729.69	0.11	7.89	978.29	210.96	3.57	1737.72	0.17	7.92	1078.44	234.43	2.79	1745.77	0.24
1001	3.93	829.14	115.01	2.50	1732.23	0.06	3.85	958.68	151.53	2.09	1739.33	0.13	3.87	1090.35	190.09	1.68	1746.46	0.20
1004	1.93	806.17	61.35	1.18	1734.38	0.03	1.74	939.04	102.01	1.52	1740.42	0.09	1.70	1076.37	145.38	1.87	1746.49	0.17
1007	1.90	798.80	27.09	0.57	1736.09	0.03	1.88	919.36	63.53	1.42	1741.10	0.06	1.84	1045.45	105.15	2.27	1746.13	0.13
1010	2.42	798.17	15.28	0.53	1737.38	0.04	2.42	899.67	35.70	1.50	1741.49	0.05	2.40	1006.32	71.81	2.48	1745.60	0.10
1013	2.80	800.44	19.20	0.63	1738.31	0.04	2.80	879.98	17.50	1.61	1741.67	0.04	2.78	963.53	45.95	2.60	1745.04	0.07
1016	2.60	802.47	21.58	0.73	1738.94	0.04	2.60	860.31	8.24	1.61	1741.73	0.03	2.58	920.82	27.23	2.48	1744.53	0.04
1019	2.19	801.30	20.33	0.82	1739.34	0.03	2.18	840.65	6.80	1.54	1741.73	0.02	2.18	881.57	14.96	2.28	1744.13	0.03
1022	1.90	797.12	16.49	0.88	1739.57	0.02	1.90	821.01	7.05	1.51	1741.70	0.01	1.89	845.71	8.18	2.15	1743.84	0.02
1025	1.39	789.73	11.45	1.01	1739.71	0.01	1.39	801.39	6.12	1.46	1741.68	0.01	1.39	813.41	5.35	1.92	1743.66	0.01
1028	0.92	778.28	6.69	1.16	1739.78	0.01	0.92	781.80	4.46	1.43	1741.68	0.01	0.92	785.44	4.23	1.72	1743.59	0.01
1031	0.71	764.27	3.86	1.20	1739.82	0.00	0.70	762.22	3.42	1.42	1741.71	0.01	0.70	760.20	3.80	1.64	1743.61	0.01
1034	0.39	748.33	5.14	1.31	1739.86	0.01	0.39	742.67	4.36	1.41	1741.77	0.00	0.39	737.02	3.96	1.51	1743.69	0.00
1037	0.17	730.02	7.78	1.40	1739.91	0.01	0.17	723.14	6.29	1.41	1741.86	0.01	0.17	716.27	4.99	1.41	1743.81	0.00
1040	0.11	710.84	9.97	1.39	1739.97	0.01	0.11	703.64	8.17	1.41	1741.96	0.01	0.11	696.44	6.46	1.43	1743.97	0.00
1043	0.12	691.28	11.56	1.44	1740.05	0.01	0.12	684.15	9.70	1.41	1742.03	0.01	0.10	677.03	7.91	1.37	1744.14	0.00
1046	0.18	670.73	12.45	1.48	1740.14	0.01	0.18	664.69	10.81	1.41	1742.22	0.01	0.18	658.66	9.20	1.33	1744.32	0.01
1049	0.09	650.33	12.90	1.43	1740.25	0.01	0.08	645.25	11.53	1.41	1742.37	0.01	0.09	640.19	10.18	1.39	1744.50	0.01
1052	0.13	630.28	13.05	1.45	1740.37	0.01	0.13	625.85	11.93	1.41	1742.52	0.01	0.13	621.42	10.83	1.36	1744.67	0.01
1055	0.17	609.76	12.86	1.47	1740.49	0.01	0.17	606.07	12.06	1.41	1742.66	0.01	0.17	603.18	11.26	1.34	1744.85	0.01
1058	0.07	589.64	12.56	1.42	1740.62	0.01	0.07	587.13	12.00	1.41	1742.81	0.01	0.07	584.61	11.45	1.40	1745.01	0.01
1061	0.10	569.95	12.20	1.44	1740.76	0.01	0.10	567.82	11.82	1.41	1742.96	0.01	0.10	565.69	11.44	1.38	1745.16	0.01
1064	0.14	549.80	11.73	1.46	1740.89	0.01	0.14	548.55	11.55	1.41	1743.10	0.01	0.14	547.31	11.37	1.36	1745.31	0.01
1067	0.05	529.90	11.27	1.42	1741.03	0.01	0.05	529.34	11.25	1.41	1743.23	0.01	0.05	528.78	11.23	1.40	1745.44	0.01
1070	0.10	510.25	10.87	1.44	1741.16	0.01	0.10	510.17	10.96	1.41	1743.36	0.01	0.10	510.10	11.06	1.37	1745.57	0.01
1073	0.17	490.04	10.46	1.47	1741.30	0.01	0.17	491.06	10.71	1.41	1743.49	0.01	0.17	492.08	10.98	1.35	1745.68	0.01
1076	0.09	469.92	10.13	1.44	1741.44	0.01	0.09	472.02	10.52	1.41	1743.61	0.01	0.09	474.13	10.98	1.38	1745.79	0.01
1079	0.17	449.84	9.90	1.47	1741.59	0.01	0.17	453.06	10.45	1.41	1743.73	0.01	0.17	456.27	11.12	1.34	1745.89	0.01

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nor Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1082	0.24	429.17	9.75	1.50	1741.74	0.01	0.24	434.17	10.53	1.41	1743.85	0.01	0.23	439.17	11.54	1.32	1745.97	0.01
1085	0.16	410.88	9.73	1.47	1741.90	0.01	0.15	417.58	10.81	1.41	1743.97	0.01	0.15	424.29	12.21	1.35	1746.04	0.01
1088	0.10	393.43	9.96	1.43	1742.07	0.01	0.10	401.08	11.37	1.41	1744.09	0.01	0.10	408.73	13.12	1.38	1746.11	0.01
1091	0.12	376.30	10.54	1.45	1742.26	0.01	0.12	384.66	12.34	1.41	1744.22	0.01	0.12	393.04	14.44	1.37	1746.19	0.01
1094	0.12	359.11	11.59	1.45	1742.46	0.01	0.12	368.36	13.81	1.41	1744.37	0.01	0.11	377.62	16.28	1.37	1746.28	0.02
1097	0.09	342.68	13.41	1.36	1742.68	0.01	0.07	352.18	15.90	1.41	1744.53	0.01	0.08	361.67	18.57	1.46	1746.39	0.02
1100	0.11	335.67	14.69	1.31	1742.81	0.02	0.10	344.50	17.13	1.41	1744.63	0.01	0.11	353.37	19.71	1.51	1746.45	0.01
1103	0.16	329.19	16.27	1.26	1742.93	0.02	0.16	336.89	18.50	1.41	1744.72	0.01	0.16	344.57	20.81	1.57	1746.52	0.01
1106	0.23	323.40	18.19	1.18	1743.05	0.02	0.23	329.26	20.00	1.42	1744.82	0.02	0.23	335.27	21.91	1.62	1746.61	0.01
1109	0.31	318.16	20.36	1.14	1743.18	0.02	0.30	321.80	21.61	1.40	1744.94	0.01	0.31	325.24	22.85	1.72	1746.69	0.03
1112	0.39	313.98	23.00	1.02	1743.28	0.01	0.39	314.10	23.31	1.45	1745.04	0.07	0.39	314.79	23.83	1.75	1746.86	0.07
1115	0.43	309.80	25.52	1.09	1743.52	0.03	0.43	307.02	25.03	1.36	1745.24	0.19	0.43	303.28	24.36	1.90	1746.71	0.41
1118	0.53	307.18	28.83	0.94	1742.85	0.25	0.51	298.82	26.73	1.59	1745.04	1.05	0.50	292.66	25.38	1.73	1748.32	1.85
1121	0.58	303.02	31.16	1.35	1747.85	2.46	0.65	292.98	28.54	1.50	1746.57	5.87	0.73	279.07	25.03	2.35	1740.88	9.27
1124	0.74	304.09	35.14	2.08	1718.66	18.73	0.67	282.90	29.37	2.49	1740.99	32.67	0.72	268.97	25.97	2.26	1781.47	46.56
1127	6.48	327.62	46.97	8.93	1600.04	124.21	5.69	251.04	25.46	10.15	1512.43	181.74	4.62	280.24	34.62	7.01	2359.94	239.98
1130	4.55	354.27	51.57	12.61	1452.83	53.06	13.63	245.55	21.83	14.52	1319.01	395.38	17.67	139.45	40.81	8.70	1443.60	567.60
1133	10.81	361.19	51.35	8.73	1388.65	0.52	10.91	256.99	24.73	11.91	1347.00	0.98	9.64	59.83	35.26	8.66	721.87	1.54
1136	4.81	360.68	52.32	10.64	1449.76	51.13	12.45	242.14	17.66	11.00	1316.98	392.64	19.26	127.17	41.70	11.40	1445.53	564.48
1139	4.46	338.19	48.30	9.18	1598.79	122.02	4.06	246.15	21.87	6.21	1510.62	177.59	3.99	250.36	22.63	7.74	2359.56	233.90
1142	1.03	300.88	37.20	2.94	1718.80	19.56	1.08	261.04	26.04	2.11	1740.31	33.21	1.01	228.24	18.07	1.98	1778.53	46.79
1145	0.91	281.93	32.87	1.93	1746.24	2.86	0.91	256.15	25.57	1.92	1745.73	6.18	0.93	227.68	18.74	1.29	1741.14	9.50
1148	0.82	267.86	29.94	2.24	1741.46	0.33	0.82	247.49	24.20	1.48	1744.56	1.17	0.81	230.08	20.22	1.09	1748.68	1.99
1151	0.72	252.66	26.17	1.93	1742.32	0.03	0.72	241.03	22.83	1.56	1744.99	0.22	0.72	229.63	20.51	0.97	1747.43	0.40
1154	0.65	239.38	23.29	1.98	1742.22	0.02	0.84	233.62	21.50	1.44	1745.01	0.05	0.64	229.54	21.08	1.03	1747.87	0.11
1157	0.58	226.43	20.65	1.86	1742.29	0.02	0.57	226.81	20.37	1.48	1745.12	0.03	0.58	228.36	21.36	1.01	1747.54	0.01
1160	0.53	214.32	18.85	1.87	1742.33	0.02	0.52	220.00	19.62	1.43	1745.18	0.02	0.53	226.78	21.72	1.06	1748.05	0.02
1163	0.51	203.08	18.07	1.79	1742.38	0.02	0.50	213.17	19.37	1.47	1745.24	0.02	0.50	224.94	22.30	1.04	1748.12	0.01
1166	0.50	191.92	18.31	1.89	1742.41	0.03	0.51	207.05	19.72	1.42	1745.29	0.03	0.53	222.17	22.77	1.13	1748.16	0.03
1169	0.95	180.63	20.06	1.92	1742.49	0.10	0.92	200.63	20.69	1.45	1745.32	0.10	0.91	220.87	23.65	1.08	1748.18	0.10
1172	1.52	161.14	26.15	2.03	1742.55	0.27	1.53	187.35	24.26	1.47	1745.37	0.29	1.54	214.42	25.82	1.00	1748.06	0.28
1175	2.06	146.83	34.92	2.18	1742.86	1.07	2.03	174.93	29.15	1.64	1745.15	1.03	2.00	208.47	28.36	0.93	1748.00	1.03
1178	2.80	143.17	44.75	2.50	1742.39	3.93	2.82	164.63	33.92	1.71	1745.71	3.96	2.84	200.67	29.92	1.13	1747.00	3.95
1181	5.70	154.25	55.41	3.95	1746.35	15.11	6.00	150.20	37.18	2.96	1744.21	15.02	6.29	188.50	31.44	2.69	1749.82	14.97
1184	9.65	201.01	69.57	5.50	1738.40	57.32	9.65	137.84	38.71	4.44	1754.45	57.24	9.65	186.81	39.83	3.58	1741.13	57.13
1187	4.89	248.35	73.98	4.22	913.72	217.97	4.69	133.73	40.16	4.10	934.62	217.55	4.40	187.50	54.59	3.64	914.82	217.14

ter Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1190	6.10	226.63	80.87	2.97	100.55	57.31	6.12	132.35	42.03	2.78	101.43	57.25	6.13	178.52	36.37	2.59	101.69	57.14
1193	4.99	179.12	70.29	2.24	100.00	15.16	4.97	131.51	42.72	2.26	100.61	15.04	4.95	157.94	27.34	2.29	101.43	14.99
1196	3.87	144.81	56.61	1.79	99.99	3.92	3.86	130.29	39.68	1.75	100.91	3.98	3.86	148.82	27.37	1.71	101.77	3.96
1199	2.83	123.16	42.70	1.29	100.23	1.08	2.82	129.32	33.99	1.27	101.11	1.02	2.81	146.51	27.55	1.25	102.01	1.05
1202	1.94	111.98	30.12	0.89	100.46	0.25	1.93	128.14	27.10	0.87	101.27	0.29	1.93	146.87	25.78	0.85	102.08	0.26
1205	1.22	107.23	19.99	0.56	100.68	0.09	1.21	127.11	20.24	0.55	101.35	0.06	1.21	147.22	22.26	0.53	102.03	0.09
1208	0.72	106.35	13.13	0.34	100.86	0.01	0.70	125.96	14.30	0.33	101.37	0.03	0.70	146.37	18.02	0.32	101.89	0.02
1211	0.46	107.74	9.89	0.16	101.00	0.01	0.45	124.99	9.92	0.21	101.36	0.01	0.45	143.42	13.78	0.26	101.72	0.02
1214	0.27	109.51	9.41	0.11	101.10	0.01	0.27	123.79	7.54	0.17	101.33	0.01	0.26	139.73	10.33	0.24	101.57	0.01
1217	0.17	110.96	9.46	0.12	101.15	0.01	0.17	123.31	7.14	0.18	101.31	0.02	0.17	137.29	9.17	0.25	101.47	0.01
1220	0.19	112.02	9.59	0.11	101.18	0.01	0.19	122.79	7.05	0.20	101.29	0.01	0.19	135.25	8.30	0.28	101.40	0.01
1223	0.20	113.05	9.74	0.15	101.21	0.01	0.20	122.32	7.19	0.22	101.27	0.01	0.20	133.08	7.74	0.29	101.34	0.01
1226	0.22	114.13	9.86	0.16	101.23	0.01	0.22	121.87	7.49	0.23	101.26	0.01	0.22	130.79	7.48	0.32	101.28	0.01
1229	0.24	115.40	9.96	0.20	101.24	0.01	0.24	121.32	7.89	0.26	101.24	0.01	0.24	128.50	7.52	0.31	101.24	0.01
1232	0.27	116.55	10.09	0.20	101.26	0.01	0.27	121.01	8.36	0.28	101.23	0.01	0.27	125.84	7.72	0.38	101.19	0.02
1235	0.36	118.65	10.37	0.36	101.22	0.02	0.34	120.19	8.86	0.37	101.20	0.06	0.33	123.27	8.12	0.36	101.25	0.11
1238	0.40	120.50	10.71	0.46	101.51	0.14	0.41	120.38	9.43	0.50	101.27	0.34	0.42	118.96	8.39	0.65	100.79	0.54
1241	0.45	124.68	11.60	0.89	99.79	1.10	0.44	118.70	9.87	0.90	100.94	1.90	0.43	116.08	8.81	0.89	103.15	2.71
1244	2.92	138.36	15.37	4.45	92.82	7.25	2.57	107.28	9.88	4.15	87.64	10.60	2.21	123.25	11.17	3.53	136.86	14.00
1247	2.13	150.75	17.04	6.15	84.13	3.14	6.09	105.17	9.70	6.05	76.33	23.07	7.47	61.21	21.93	4.05	83.70	33.30
1250	4.81	155.12	17.63	3.90	80.16	0.21	4.67	111.28	9.98	5.23	77.69	0.38	4.07	26.37	23.33	3.75	41.61	0.74
1253	2.19	156.19	18.68	4.22	83.42	2.86	5.70	105.69	9.67	5.25	75.72	22.33	9.69	56.53	22.06	4.77	82.79	31.86
1256	1.98	146.93	17.53	3.56	91.77	6.93	1.81	107.77	10.09	3.08	86.71	10.10	1.67	111.12	9.33	2.91	135.10	13.31
1259	0.36	133.97	14.35	0.83	98.53	1.11	0.36	117.13	10.77	0.82	99.81	1.89	0.35	103.33	8.91	0.81	102.04	2.67
1262	0.33	129.37	13.33	0.43	100.05	0.16	0.33	117.75	10.84	0.49	100.11	0.35	0.34	104.67	9.19	0.47	99.94	0.54
1265	0.29	126.77	12.75	0.43	99.74	0.02	0.29	116.64	10.73	0.30	100.03	0.07	0.29	107.48	9.41	0.24	100.39	0.12
1268	0.26	123.52	11.94	0.29	99.75	0.01	0.26	116.47	10.59	0.27	100.05	0.02	0.26	109.07	9.59	0.23	100.32	0.02
1271	0.23	120.98	11.36	0.32	99.72	0.01	0.23	115.82	10.44	0.24	100.03	0.01	0.23	110.92	9.74	0.15	100.35	0.01
1274	0.21	118.42	10.86	0.27	99.69	0.01	0.21	115.40	10.31	0.22	100.02	0.01	0.21	112.33	9.86	0.16	100.34	0.01
1277	0.20	116.11	10.53	0.28	99.67	0.01	0.19	114.89	10.23	0.20	100.00	0.01	0.19	113.68	9.96	0.12	100.33	0.01
1280	0.19	113.94	10.39	0.24	99.65	0.01	0.18	114.37	10.21	0.19	99.98	0.01	0.18	114.91	10.05	0.13	100.31	0.01
1283	0.18	111.75	10.43	0.27	99.63	0.01	0.18	113.96	10.26	0.18	99.95	0.01	0.18	115.95	10.14	0.10	100.28	0.01
1286	0.15	110.20	10.58	0.19	99.61	0.01	0.12	113.46	10.37	0.17	99.92	0.01	0.08	116.54	10.26	0.07	100.23	0.01
1289	0.08	108.84	11.21	0.11	99.55	0.01	0.06	112.25	10.86	0.11	99.84	0.01	0.05	115.56	10.60	0.12	100.13	0.01
1292	0.08	107.51	12.02	0.11	99.47	0.01	0.08	111.00	11.49	0.13	99.73	0.01	0.08	114.62	11.04	0.11	99.99	0.01
1295	0.08	105.77	12.93	0.14	99.38	0.01	0.09	109.88	12.14	0.13	99.61	0.01	0.11	113.85	11.45	0.17	99.83	0.01

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1298	0.12	104.15	13.72	0.16	99.29	0.02	0.16	108.61	12.64	0.18	99.47	0.01	0.20	113.29	11.61	0.16	99.66	0.01
1301	0.32	101.46	14.52	0.26	99.18	0.03	0.32	107.54	12.91	0.20	99.33	0.04	0.32	113.38	11.44	0.19	99.46	0.04
1304	0.65	98.16	14.73	0.31	98.52	0.15	0.77	104.61	12.98	0.28	98.60	0.13	0.88	111.11	11.30	0.37	98.69	0.14
1307	0.51	98.07	13.60	0.20	97.83	0.03	0.52	101.68	12.52	0.25	97.87	0.04	0.52	105.60	11.44	0.33	97.92	0.04
1310	0.36	100.27	11.69	0.17	97.70	0.02	0.35	100.63	11.57	0.21	97.73	0.01	0.34	100.79	11.49	0.20	97.75	0.02
1313	0.24	101.22	9.91	0.14	97.57	0.01	0.25	99.37	10.58	0.15	97.60	0.01	0.25	97.72	11.23	0.21	97.63	0.01
1316	0.17	100.92	8.64	0.14	97.44	0.01	0.16	98.16	9.83	0.16	97.48	0.01	0.15	95.86	10.99	0.17	97.53	0.01
1319	0.13	100.59	8.12	0.18	97.37	0.01	0.14	97.68	9.61	0.16	97.43	0.01	0.14	95.39	11.05	0.19	97.50	0.01
1322	0.14	99.84	7.79	0.14	97.32	0.01	0.13	97.39	9.46	0.16	97.39	0.01	0.13	94.97	11.18	0.15	97.46	0.01
1325	0.25	100.01	7.35	0.24	97.27	0.01	0.22	96.83	9.40	0.23	97.35	0.01	0.19	94.19	11.43	0.26	97.43	0.01
1328	0.30	101.46	6.93	0.24	97.21	0.01	0.30	96.43	9.43	0.31	97.31	0.01	0.30	91.80	11.97	0.39	97.40	0.01
1331	0.29	103.71	6.54	0.23	97.14	0.01	0.29	95.90	9.57	0.30	97.26	0.01	0.29	88.92	12.70	0.37	97.39	0.01
1334	0.28	105.66	6.39	0.21	97.07	0.01	0.28	95.56	9.86	0.29	97.23	0.02	0.28	85.97	13.63	0.39	97.37	0.02
1337	0.28	107.84	6.45	0.25	96.95	0.01	0.28	94.86	10.32	0.31	97.17	0.05	0.28	83.54	14.64	0.33	97.44	0.10
1340	0.26	109.25	6.66	0.33	97.09	0.11	0.27	94.84	10.95	0.35	97.20	0.29	0.28	80.56	16.00	0.45	97.08	0.46
1343	0.32	111.68	7.14	0.59	95.65	0.80	0.28	93.61	11.87	0.61	96.85	1.55	0.25	79.01	17.33	0.61	99.01	2.31
1346	2.14	120.33	8.90	3.07	91.43	5.50	1.88	85.76	13.69	3.02	84.41	8.58	1.62	84.42	17.95	2.69	128.03	11.70
1349	1.49	126.71	9.11	4.43	85.65	0.24	4.19	86.21	14.07	4.08	77.60	18.75	6.59	40.98	26.98	2.41	75.70	27.86
1352	5.35	127.45	8.86	2.77	82.34	0.19	3.21	92.35	13.73	3.24	82.63	0.37	1.28	16.74	31.67	2.04	36.09	0.81
1355	1.15	129.30	9.83	2.73	85.23	0.02	3.81	86.81	15.19	3.38	77.20	18.08	7.65	38.29	30.01	3.05	74.83	26.41
1358	1.22	125.00	9.81	2.25	90.66	5.23	1.15	86.20	14.77	1.98	83.76	8.17	1.11	76.84	20.03	2.00	126.49	11.16
1361	0.23	116.72	10.22	0.57	94.48	0.82	0.22	92.23	15.84	0.56	95.86	1.54	0.21	71.05	22.52	0.55	98.13	2.24
1364	0.28	113.47	12.29	0.35	95.55	0.09	0.28	92.50	17.88	0.37	96.07	0.28	0.28	71.69	24.33	0.33	96.37	0.47
1367	0.32	110.92	15.00	0.42	95.19	0.03	0.32	91.63	20.33	0.32	95.92	0.06	0.32	73.89	26.02	0.24	96.70	0.09
1370	0.38	107.25	18.40	0.43	95.07	0.02	0.38	91.36	23.08	0.38	95.84	0.01	0.38	75.96	28.01	0.33	96.60	0.03
1373	0.47	103.22	22.34	0.55	94.91	0.02	0.46	90.81	26.09	0.46	95.73	0.02	0.46	78.94	29.93	0.38	96.56	0.02
1376	0.57	98.38	26.83	0.62	94.75	0.03	0.57	90.34	29.32	0.56	95.61	0.02	0.57	82.60	31.82	0.51	96.47	0.02
1379	0.69	92.62	31.89	0.78	94.59	0.03	0.69	89.97	32.69	0.68	95.47	0.03	0.69	87.10	33.56	0.59	96.35	0.03
1382	0.83	86.26	37.24	0.85	94.44	0.03	0.83	89.29	36.12	0.83	95.32	0.03	0.83	93.01	34.88	0.80	96.20	0.03
1385	0.99	78.30	43.33	1.15	94.29	0.02	0.99	89.28	39.51	1.00	95.15	0.04	1.00	99.58	35.95	0.85	96.01	0.03
1388	1.70	69.05	50.16	1.15	94.21	0.08	1.67	88.72	42.68	1.04	94.96	0.04	1.65	110.08	35.39	0.91	95.73	0.06
1391	3.01	58.10	62.50	1.43	93.98	0.10	2.99	87.69	48.69	1.34	94.53	0.16	2.98	127.92	35.04	1.25	95.03	0.13
1394	1.95	49.80	69.31	1.91	91.69	0.56	1.94	83.31	51.89	1.85	91.86	0.47	1.80	136.17	34.46	1.81	92.03	0.50
1397	2.90	50.41	64.68	1.20	89.36	0.10	2.90	78.93	50.84	1.31	89.15	0.16	2.91	120.63	36.87	1.42	89.00	0.12
1400	1.87	57.79	53.65	0.82	89.11	0.07	1.85	78.19	46.02	0.85	88.68	0.03	1.84	100.85	38.51	0.88	88.24	0.06
1403	1.03	63.90	42.94	0.44	88.82	0.03	1.03	77.03	39.38	0.49	88.24	0.04	1.04	90.77	35.88	0.55	87.66	0.02

ster Creek Drywell with Sand - Unit Load Case No. 5 (Flooded Seismic)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1406	0.74	67.63	33.20	0.29	88.53	0.03	0.75	76.20	32.01	0.44	87.87	0.02	0.76	84.89	31.10	0.52	87.22	0.03
1409	0.74	72.53	23.57	0.23	88.28	0.02	0.73	75.14	24.48	0.32	87.59	0.02	0.73	78.75	25.59	0.41	86.90	0.02
1412	0.39	76.51	15.08	0.13	88.06	0.01	0.39	74.25	17.55	0.19	87.38	0.01	0.39	73.00	20.13	0.23	86.70	0.02
1415	0.27	78.57	9.43	0.09	87.90	0.00	0.26	73.24	12.40	0.14	87.25	0.01	0.28	69.19	15.43	0.20	86.61	0.02
1418	0.22	79.70	9.65	0.13	87.81	0.01	0.23	72.29	10.94	0.17	87.21	0.01	0.23	66.09	12.99	0.22	86.61	0.01
1421	0.19	80.95	11.73	0.14	87.77	0.01	0.19	71.84	11.73	0.19	87.21	0.01	0.19	63.91	12.79	0.26	86.65	0.01
1424	0.24	82.19	14.24	0.19	87.75	0.01	0.24	71.50	13.12	0.24	87.23	0.01	0.25	61.58	13.08	0.29	86.70	0.01
1427	0.57	85.38	17.57	0.51	87.74	0.01	0.57	71.01	14.85	0.57	87.26	0.01	0.57	57.61	13.42	0.63	86.77	0.01
1430	0.91	91.69	21.61	0.84	87.72	0.01	0.91	70.64	16.70	0.91	87.30	0.01	0.92	50.29	13.33	0.98	86.87	0.02
1433	1.00	100.18	26.23	0.94	87.68	0.01	1.00	70.12	18.45	0.99	87.35	0.02	1.00	41.11	12.76	1.05	87.01	0.02
1436	1.09	109.32	30.65	0.99	87.62	0.02	1.09	69.83	19.93	1.09	87.41	0.02	1.10	30.98	11.85	1.19	87.19	0.03
1439	1.20	119.77	34.99	1.18	87.57	0.06	1.20	69.13	20.92	1.19	87.47	0.05	1.20	20.62	10.86	1.20	87.40	0.02
1442	1.28	130.54	38.82	1.12	87.25	0.30	1.29	69.16	21.40	1.30	87.59	0.13	1.29	11.39	10.14	1.47	87.76	0.01
1445	2.03	143.28	41.56	1.52	88.15	1.42	1.77	67.99	20.62	1.41	87.45	0.89	1.47	9.86	10.38	1.29	87.44	0.32
1448	6.86	120.16	34.38	5.60	80.21	7.02	4.78	60.09	17.83	2.27	78.88	4.60	2.13	17.48	11 08	2.62	79.00	2.29
1451	8.83	62.65	17.64	6.03	58.35	13.11	4.87	48.03	12.26	2.33	61.12	8.78	1.98	29.59	11.18	2.94	63.09	4.13
1454	1.46	25.09	8.93	1.35	44.80	0.51	1.28	38.09	9.63	1.87	48.28	0.63	0.81	45.50	10.64	.89	50.28	0.57
							2	872	917	878	1184	1130	876	870	971	879	1128	1131
							246.68	1575.13	1619.11	89.30	1754.45	395.38	130.76	1877.64	1421.65	74.86	2359.94	567.60

ster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)
2	247.08	106.93	36.00
5	248.68	108.10	36.27
8	250.28	109.28	36.54
11	251.87	110.46	36.81
14	253.45	111.66	37.08
17	255.03	112.86	37.35
20	256.61	114.06	37.62
23	258.18	115.28	37.89
26	259.74	116.50	38.16
29	261.30	117.73	38.43
32	262.85	118.97	38.70
35	264.39	120.21	38.98
38	265.93	121.46	39.25
41	267.47	122.72	39.52
44	269.00	123.99	39.79
47	270.52	125.26	40.06
50	272.03	126.54	40.33
53	273.54	127.83	40.60
56	275.05	129.13	40.87
59	276.54	130.43	41.14
62	278.04	131.74	41.41
65	279.54	133.07	41.68
68	281.03	134.41	41.96
71	282.52	135.75	42.23
74	284.01	137.11	42.50
77	285.48	138.47	42.78
80	286.96	139.83	43.05
83	288.42	141.21	43.33
86	289.88	142.59	43.60
89	291.33	143.98	43.87
92	292.77	145.37	44.15
95	294.21	146.77	44.42
98	294.65	147.04	44.49
101	295.08	147.31	44.56
104	296.51	148.72	44.83
107	297.92	150.14	45.10

Outside Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
1	-9593.50	-35950.15	-13731.96	792.73
4	2747.45	-31063.87	-8379.31	664.85
7	-877.85	-22122.73	-6047.86	514.88
10	122.31	-14846.49	-2437.28	394.44
13	-118.47	-9410.63	440.74	277.16
16	-44.95	-5501.42	3008.24	189.91
19	-43.19	-2835.30	5132.86	112.07
22	-36.67	-1194.65	6835.60	56.76
25	-25.41	-322.71	8153.07	11.80
28	-23.76	-38.69	9115.63	-17.68
31	-17.26	-156.90	9779.33	-38.94
34	-16.70	-547.82	10186.68	-50.51
37	-13.89	-1094.17	10389.47	-56.87
40	-14.16	-1717.98	10427.84	-57.93
43	-13.57	-2357.30	10341.94	-56.50
46	-14.33	-2976.19	10162.71	-52.80
49	-15.03	-3552.71	9917.30	-48.64
52	-15.97	-4080.05	9626.60	-44.03
55	-17.22	-4562.07	9306.88	-40.31
58	-18.83	-5008.33	8971.31	-36.93
61	-18.26	-5440.87	8628.89	-35.38
64	-18.92	-5838.08	8296.92	-31.77
67	-20.77	-6170.57	8000.61	-27.00
70	-19.64	-6435.65	7754.12	-21.87
73	-23.19	-6651.06	7560.00	-19.13
76	-18.94	-6807.82	7433.42	-14.05
79	-24.81	-6915.61	7373.31	-11.96
82	-16.21	-6933.00	7405.35	-4.00
85	-23.38	-6863.78	7523.15	-1.08
88	-20.29	-6619.16	7762.76	13.62
91	18.84	-6205.90	8127.66	18.40
94	-65.04	-4754.42	8825.59	-233.52
97	31.06	-1720.26	9792.09	-231.23
100	-18.96	-79.29	10300.55	62.27
103	-0.64	233.25	10709.13	23.63
106	-2.57	414.86	11034.66	14.20

Middle Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
2	-3331.18	-7888.12	-3399.40	687.49
5	811.84	-7917.38	-1870.96	617.05
8	-251.93	-7855.28	-1326.05	491.86
11	25.51	-7782.11	-34.06	378.68
14	-26.58	-7725.90	1309.17	279.43
17	-17.47	-7621.09	2712.18	195.28
20	-9.76	-7524.34	4046.15	126.37
23	-15.53	-7394.57	5259.43	71.71
26	-10.44	-7264.32	6314.39	30.02
29	-15.08	-7114.41	7194.98	-0.47
32	-13.51	-6962.39	7899.46	-21.50
35	-16.76	-6800.17	8435.65	-34.92
38	-16.86	-6637.15	8818.34	-42.41
41	-19.10	-6470.34	9065.74	-45.54
44	-19.81	-6304.64	9197.97	-45.63
47	-21.21	-6139.41	9235.25	-43.85
50	-22.11	-5976.75	9197.15	-41.15
53	-22.80	-5817.26	9102.01	-38.26
56	-23.81	-5660.96	8966.76	-35.75
59	-24.04	-5509.60	8806.94	-33.99
62	-24.56	-5360.97	8637.51	-33.45
65	-25.84	-5213.87	8470.41	-30.95
68	-27.63	-5065.18	8322.73	-26.71
71	-25.98	-4923.40	8204.75	-23.28
74	-29.34	-4780.29	8126.29	-20.35
77	-25.37	-4646.75	8096.15	-17.36
80	-31.72	-4505.41	8121.24	-13.84
83	-24.05	-4379.31	8207.39	-8.99
86	-33.55	-4233.97	8359.10	-2.26
89	-28.49	-4115.70	8572.85	7.28
92	-6.85	-3959.18	8866.09	20.36
95	-105.00	-3750.37	9195.16	43.12
98	113.88	-2880.50	9577.11	-80.83
101	9.34	-2350.67	9759.28	-116.35
104	-22.35	-2216.02	10089.44	22.16
107	-10.65	-2157.57	10370.65	12.74

Inside Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
3	2925.76	20053.99	6900.60	570.50
6	-1122.21	15366.09	4685.20	560.04
9	367.78	6466.99	3416.01	463.85
12	-72.95	-740.11	2364.83	360.23
15	64.23	-6005.44	2189.30	280.75
18	10.13	-9770.53	2407.27	201.08
21	24.41	-12207.19	2960.66	141.88
24	6.81	-13621.41	3674.12	88.44
27	5.96	-14213.53	4472.11	50.25
30	-4.87	-14212.61	5266.17	18.84
33	-8.24	-13779.49	6014.67	-2.04
36	-15.39	-13069.79	6678.07	-17.46
39	-18.55	-12190.94	7242.73	-26.30
42	-22.92	-11234.83	7698.90	-31.71
45	-25.11	-10260.25	8050.58	-33.56
48	-27.32	-9310.10	8304.76	-33.94
51	-28.60	-8406.32	8474.73	-32.92
54	-29.21	-7557.87	8575.94	-31.96
57	-30.12	-6763.14	8625.34	-30.84
60	-29.13	-6010.43	8642.52	-30.88
63	-30.89	-5282.68	8645.62	-31.52
66	-32.90	-4586.31	8645.03	-30.29
69	-34.75	-3960.16	8644.96	-26.70
72	-32.69	-3403.08	8658.15	-25.12
75	-35.97	-2911.85	8692.33	-22.06
78	-32.36	-2471.18	8763.79	-21.30
81	-39.26	-2103.32	8867.36	-16.35
84	-32.55	-1800.63	9017.62	-14.75
87	-44.40	-1625.15	9189.47	-4.10
90	-37.36	-1569.76	9396.42	0.13
93	-33.09	-1755.11	9592.40	21.80
96	-247.82	-2892.92	9490.14	356.19
99	121.67	-3711.17	9437.50	548.65
102	113.86	-4267.12	9346.34	241.77
105	-43.23	-4677.54	9465.45	21.56
108	-17.91	-4739.71	9702.99	12.20

ster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes					Middle Nodes					Inside Nodes				
				Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
110	299.33	151.56	45.37	109	-0.54	509.54	11295.67	6.26	110	-13.35	-2098.16	10608.01	4.87	111	-25.29	-4715.01	9916.82	4.42
113	300.74	152.99	45.65	112	-0.53	530.00	11493.65	0.03	113	-12.85	-2038.14	10806.51	-1.64	114	-24.31	-4616.38	10115.54	-2.38
116	302.13	154.42	45.92	115	0.19	491.00	11634.48	-5.07	116	-12.84	-1978.65	10965.63	-6.98	117	-25.03	-4457.10	10293.34	-7.99
119	303.52	155.87	46.19	118	0.74	402.57	11722.49	-9.06	119	-12.96	-1918.91	11087.50	-11.33	120	-25.85	-4249.43	10449.02	-12.76
122	304.91	157.31	46.47	121	-0.42	274.57	11762.52	-12.17	122	-13.13	-1859.97	11174.35	-14.89	123	-25.11	-4002.04	10583.21	-16.85
125	306.28	158.77	46.74	124	6.34	118.74	11763.93	-13.88	125	-12.12	-1801.07	11229.86	-16.99	126	-29.87	-3728.62	10692.82	-19.42
128	307.65	160.23	47.01	127	-14.41	-48.99	11724.29	-13.41	128	-14.23	-1743.22	11255.88	-16.99	129	-13.56	-3443.69	10785.00	-19.97
131	309.01	161.70	47.28	130	23.33	-393.81	11625.72	-29.38	131	-6.25	-1685.65	11261.90	-32.09	132	-35.42	-2981.28	10896.51	-34.34
134	312.35	165.36	47.96	133	9.83	-750.65	11416.40	-3.90	134	-7.04	-1546.40	11195.96	-6.63	135	-23.66	-2345.13	10974.38	-9.08
137	315.65	169.06	48.64	136	7.08	-974.68	11178.84	1.38	137	-11.04	-1414.47	11058.72	-3.05	138	-29.03	-1855.83	10938.30	-7.35
140	318.91	172.81	49.31	139	5.08	-1097.46	10936.88	5.74	140	-12.01	-1288.36	10888.67	0.19	141	-29.07	-1480.04	10840.18	-5.31
143	322.12	176.58	49.99	142	3.40	-1131.41	10710.71	8.91	143	-12.99	-1168.17	10707.81	2.80	144	-29.43	-1205.01	10704.91	-3.31
146	325.28	180.40	50.66	145	2.07	-1094.94	10509.53	10.95	146	-13.42	-1053.57	10530.28	4.68	147	-28.98	-1012.08	10551.11	-1.63
149	328.40	184.25	51.34	148	1.40	-1007.08	10335.07	11.96	149	-13.51	-944.37	10362.75	5.84	150	-28.51	-881.38	10390.58	-0.33
152	331.48	188.14	52.01	151	0.22	-885.96	10183.38	12.15	152	-13.40	-840.19	10206.73	6.37	153	-27.09	-794.25	10230.18	0.55
155	334.51	192.07	52.69	154	2.02	-747.22	10048.99	11.69	155	-13.18	-740.79	10060.16	6.34	156	-28.43	-734.31	10071.40	0.96
158	337.49	196.03	53.36	157	0.76	-574.03	9931.27	14.41	158	-12.84	-645.84	9919.17	9.72	159	-26.47	-717.90	9907.00	5.04
161	340.00	199.45	53.94	160	-2.01	-426.31	9830.27	8.61	161	-12.32	-568.24	9797.24	4.38	162	-22.64	-710.64	9764.04	0.17
164	342.48	202.89	54.52	163	0.35	-331.95	9709.44	7.05	164	-12.33	-493.63	9668.66	3.07	165	-25.01	-655.93	9627.65	-0.88
167	344.93	206.36	55.10	166	-1.10	-268.31	9571.35	5.05	167	-12.24	-422.13	9532.25	1.19	168	-23.39	-576.48	9492.95	-2.65
170	347.34	209.85	55.68	169	-1.38	-248.80	9413.71	2.60	170	-12.59	-353.64	9388.32	-1.37	171	-23.82	-458.89	9362.79	-5.33
173	349.71	213.36	56.25	172	0.10	-270.08	9240.64	1.31	173	-12.37	-288.14	9240.40	-2.96	174	-24.90	-306.23	9240.17	-7.23
176	3 2.05	216.90	56.83	175	1.59	-292.58	9069.30	2.61	176	-12.20	-225.42	9094.30	-1.90	177	-26.07	-158.00	9119.43	-6.45
179	354.35	220.46	57.41	178	1.03	-277.62	8916.58	4.60	179	-12.55	-165.35	8955.65	0.05	180	-26.23	-52.65	8994.93	-4.55
182	356.62	224.05	57.99	181	0.27	-223.63	8786.62	5.65	182	-12.51	-107.79	8827.61	1.25	183	-25.39	8.50	8868.81	-3.21
185	358.85	227.66	58.57	184	-0.18	-146.38	8675.00	5.93	185	-12.42	-52.60	8710.06	1.78	186	-24.76	41.55	8745.30	-2.41
188	361.04	231.29	59.14	187	-0.55	-55.91	8575.77	5.58	188	-12.27	0.35	8601.29	1.73	189	-24.07	60.85	8626.95	-2.16
191	363.20	234.94	59.72	190	-0.87	23.27	8482.71	4.72	191	-12.11	51.16	8498.83	1.14	192	-23.43	79.17	8515.03	-2.45
194	365.32	238.61	60.30	193	-1.23	91.69	8389.94	3.43	194	-12.01	99.91	8400.30	0.06	195	-22.86	108.18	8410.72	-3.32
197	367.41	242.31	60.88	196	-1.66	134.45	8292.57	1.79	197	-12.00	146.67	8304.23	-1.50	198	-22.40	158.97	8315.95	-4.80
200	369.45	246.03	61.45	199	-2.23	140.97	8187.39	-0.14	200	-12.11	191.51	8210.73	-3.53	201	-22.09	242.28	8234.19	-6.95
203	371.46	249.76	62.03	202	-2.96	101.07	8073.59	-2.30	203	-12.41	234.50	8122.25	-6.02	204	-21.98	368.44	8171.16	-9.79
206	373.43	253.52	62.61	205	-3.77	5.64	7953.65	-4.57	206	-12.93	275.70	8044.22	-8.91	207	-22.28	546.80	8135.24	-13.31
209	375.36	257.30	63.19	208	-4.89	-152.20	7834.22	-6.80	209	-13.62	315.26	7983.70	-12.05	210	-22.62	784.49	8137.94	-17.43
212	377.26	261.09	63.77	211	-5.32	-374.78	7727.70	-8.71	212	-14.92	353.34	7959.65	-15.22	213	-24.90	1084.19	8192.82	-21.91
215	379.11	264.91	64.34	214	-4.07	-638.09	7658.71	-8.31	215	-15.26	390.21	7984.03	-16.26	216	-26.94	1422.40	8311.00	-24.46

ter Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
218	380.93	268.74	64.92	217	0.58	-868.60	7669.96	-3.64	218	-17.31	426.36	8078.23	-12.88	219	-35.76	1726.07	8488.54	-22.43
221	382.71	272.59	65.50	220	2.30	927.22	7821.88	12.71	221	-16.40	463.06	8263.82	5.12	222	-35.73	1858.95	8708.12	-2.78
224	383.49	274.32	65.76	223	-0.75	-890.48	7938.60	4.90	224	-9.42	480.14	8380.60	-0.61	225	-18.76	1854.69	8824.45	-6.41
227	384.26	276.04	66.02	226	2.53	-843.33	8077.32	9.57	227	-11.01	495.16	8510.71	3.93	228	-25.18	1841.64	8947.16	-2.00
230	385.03	277.78	66.27	229	1.60	-751.26	8246.35	14.11	230	-11.94	513.28	8659.93	9.15	231	-26.08	1777.54	9074.06	3.95
233	385.79	279.51	66.53	232	0.00	-598.54	8450.47	20.84	233	-10.83	526.18	8825.08	15.16	234	-22.21	1663.42	9204.04	9.21
236	386.54	281.25	66.79	235	10.99	-401.05	8687.51	71.57	236	-3.43	531.62	9005.17	-3.24	237	-36.37	1510.80	9331.92	35.21
239	386.75	282.00	66.90	238	-36.00	-82.00	8858.06	78.78	239	-23.57	648.89	9117.06	-20.80	240	-36.28	1402.25	9375.72	59.51
242	386.97	282.74	67.00	241	-18.64	392.30	9096.93	43.12	242	-9.05	824.27	9258.73	12.78	243	-7.46	1273.12	9423.42	50.71
245	387.40	283.76	67.15	244	-1.95	722.37	9313.79	31.61	245	-9.98	840.95	9376.60	30.45	246	-18.11	968.10	9442.06	29.25
248	387.62	284.77	67.30	247	-3.18	981.53	9505.00	28.17	248	-11.83	853.51	9493.68	26.24	249	-20.49	720.96	9481.02	20.32
251	388.24	285.79	67.45	250	-1.70	1210.76	9667.25	23.54	251	-10.42	861.43	9609.31	22.37	252	-19.10	513.31	9531.69	21.24
254	388.67	286.80	67.60	253	-2.29	1405.97	9856.36	20.02	254	-11.22	871.73	9722.47	18.83	255	-20.06	335.16	9587.79	17.70
257	389.08	287.82	67.75	256	-1.73	1573.43	10013.89	15.52	257	-10.79	880.92	9831.90	15.61	258	-19.71	187.22	9649.42	14.78
260	389.50	288.84	67.90	259	-1.66	1714.10	10158.53	13.49	260	-11.02	890.75	9936.48	12.70	261	-20.20	64.98	9713.54	12.00
263	389.91	289.86	68.05	262	-1.92	1831.52	10290.50	10.77	263	-10.92	900.19	10035.33	10.09	264	-19.72	-33.08	9779.38	9.51
266	390.32	290.88	68.20	265	0.28	1927.65	10410.47	8.27	266	-10.67	910.04	10127.91	7.75	267	-21.39	-110.54	9844.23	7.34
269	390.73	291.90	68.35	268	-7.73	2004.37	10514.61	6.20	269	-12.30	919.59	10212.82	5.67	270	-16.64	-167.91	9909.96	5.26
272	391.13	292.93	68.50	271	8.10	2004.16	10596.89	-11.43	272	-7.23	929.38	10293.61	-10.70	273	-22.31	-147.37	9989.51	-9.86
275	392.28	295.87	68.93	274	4.12	2005.56	10775.14	-4.70	275	-6.84	957.76	10478.70	-2.68	276	-17.54	-92.65	10181.22	-0.55
278	393.40	298.82	69.36	277	0.05	2025.37	10899.08	-7.42	278	-7.47	985.11	10603.17	-5.43	279	-14.76	-57.70	10306.24	-3.34
281	394.50	301.77	69.79	280	1.87	1980.95	10950.01	-9.01	281	-7.55	1012.01	10669.61	-7.26	282	-16.74	31.60	10388.22	-5.40
284	395.58	304.74	70.22	283	1.40	1916.06	10934.17	-10.01	284	-7.91	1038.25	10681.47	-8.59	285	-17.03	158.29	10427.92	-7.08
287	396.64	307.71	70.65	286	1.00	1811.27	10860.33	-10.78	287	-8.37	1063.78	10644.67	-9.81	288	-17.56	314.40	10428.27	-8.77
290	397.67	310.69	71.08	289	-0.08	1673.95	10735.18	-11.69	290	-8.84	1088.42	10566.64	-11.28	291	-17.48	501.47	10397.53	-10.81
293	398.68	313.68	71.51	292	-0.92	1494.95	10565.37	-12.95	293	-9.70	1112.14	10456.43	-13.26	294	-18.42	728.35	10347.10	-13.54
296	399.67	316.68	71.94	295	0.69	1283.24	10365.64	-12.91	296	-9.97	1134.86	10325.76	-14.04	297	-20.61	986.13	10285.76	-15.16
299	400.64	319.68	.37	298	2.27	1090.72	10164.12	-9.94	299	-10.20	1156.68	10187.84	-11.80	300	-22.70	1222.80	10211.65	-13.66
302	401.58	322.69	72.80	301	1.41	967.48	9987.40	-6.20	302	-10.87	1177.63	10054.69	-8.49	303	-23.24	1388.32	10122.21	-10.91
305	402.51	325.71	73.23	304	0.32	916.94	9845.37	-3.52	305	-11.07	1197.76	9934.60	-5.99	306	-22.55	1479.29	10024.13	-8.50
308	403.41	328.73	73.66	307	-0.30	920.85	9736.72	-1.73	308	-11.12	1217.11	9831.30	-4.19	309	-22.06	1514.12	9926.20	-6.67
311	404.28	331.76	74.09	310	-0.70	963.62	9657.51	-0.65	311	-11.03	1235.71	9745.53	-2.95	312	-21.47	1508.49	9833.85	-5.28
314	405.13	334.80	74.52	313	-0.89	1032.72	9602.60	-0.10	314	-10.85	1253.62	9675.82	-2.16	315	-20.90	1475.08	9749.29	-4.24
317	405.97	337.84	74.95	316	-0.93	1118.38	9566.08	0.05	317	-10.61	1270.86	9619.20	-1.70	318	-20.36	1423.73	9672.49	-3.47
320	406.77	340.89	75.38	319	-0.87	1213.07	9541.80	-0.09	320	-10.33	1287.47	9571.75	-1.51	321	-19.85	1362.06	9601.80	-2.94
323	407.56	343.95	75.81	322	-0.77	1310.85	9523.52	-0.45	323	-10.05	1303.46	9529.04	-1.53	324	-19.35	1296.07	9534.57	-2.61

yster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
326	408.32	347.01	76.24	325	-0.68	1406.51	9505.05	-1.00	326	-9.76	1318.85	9496.45	-1.74	327	-18.85	1230.99	9467.78	-2.48
329	409.06	350.08	76.67	328	-0.65	1494.75	9480.24	-1.75	329	-9.50	1333.64	9439.45	-2.18	330	-18.34	1172.13	9398.52	-2.60
332	409.77	353.15	77.10	331	-0.71	1569.41	9443.08	-2.71	332	-9.27	1347.81	9383.90	-2.88	333	-17.81	1125.65	9324.52	-3.03
335	410.47	356.23	77.53	334	-0.95	1622.69	9387.76	-3.95	335	-9.11	1361.35	9316.39	-3.94	336	-17.24	1099.36	9244.77	-3.91
338	411.14	359.31	77.96	337	-1.34	1644.55	9309.02	-5.52	338	-9.07	1374.24	9234.65	-5.45	339	-16.76	1103.26	9160.03	-5.36
341	411.78	362.40	78.39	340	-2.15	1622.33	9202.37	-7.50	341	-9.10	1386.45	9138.16	-7.53	342	-16.02	1150.01	9073.73	-7.55
344	412.41	365.49	78.82	343	-2.67	1540.84	9065.33	-9.93	344	-9.56	1397.98	9028.71	-10.30	345	-16.45	1254.76	8991.96	-10.65
347	413.01	368.59	79.25	346	-0.73	1406.51	8905.60	-10.99	347	-9.52	1408.82	8911.80	-11.88	348	-18.35	1411.15	8918.02	-12.77
350	413.58	371.69	79.68	349	1.18	1271.36	8746.31	-9.02	350	-9.51	1419.07	8795.59	-10.40	351	-20.26	1567.16	8845.05	-11.79
353	414.14	374.80	80.11	352	0.61	1187.21	8610.60	-6.11	353	-10.01	1428.78	8688.25	-7.76	354	-20.73	1670.96	8766.17	-9.44
356	414.67	377.91	80.54	355	-0.24	1160.21	8506.27	-4.07	356	-10.09	1437.98	8595.29	-5.81	357	-20.03	1716.44	8684.61	-7.56
359	415.17	381.02	80.97	358	-0.66	1175.08	8430.95	-2.76	359	-10.07	1446.68	8518.53	-4.42	360	-19.58	1718.97	8606.41	-6.10
362	415.66	384.14	81.40	361	-0.92	1219.16	8380.37	-2.01	362	-9.94	1454.91	8457.57	-3.49	363	-19.05	1691.26	8535.03	-4.98
365	416.12	387.26	81.83	364	-1.00	1282.58	8349.52	-1.67	365	-9.74	1462.69	8410.30	-2.90	366	-18.57	1643.26	8471.30	-4.14
368	416.56	390.38	82.26	367	-0.96	1357.85	8332.96	-1.62	368	-9.50	1470.02	8373.56	-2.56	369	-18.10	1582.47	8414.30	-3.51
371	416.97	393.51	82.69	370	0.86	1439.32	8325.14	-1.79	371	-9.24	1476.92	8343.48	-2.42	372	-17.66	1514.62	8361.89	-3.06
374	417.36	396.64	83.12	373	-0.74	1522.44	8320.47	-2.13	374	-8.97	1483.40	8315.87	-2.44	375	-17.22	1444.26	8311.24	-2.76
377	417.72	399.78	83.55	376	-0.64	1603.04	8313.37	-2.62	377	-8.71	1489.45	8286.39	-2.63	378	-16.78	1375.58	8259.31	-2.63
380	418.07	402.91	83.98	379	-0.60	1676.55	8298.25	-3.29	380	-8.46	1495.07	8250.85	-3.01	381	-16.31	1313.14	8203.28	-2.73
383	418.39	406.05	84.41	382	-0.68	1737.22	8269.54	-4.16	383	-8.26	1500.26	8205.42	-3.65	384	-15.81	1262.71	8141.08	-3.14
386	418.68	409.19	84.84	385	-0.92	1777.45	8221.79	-5.31	386	-8.11	1505.00	8146.97	-4.64	387	-15.26	1231.87	8071.88	-3.97
389	418.95	412.33	85.27	388	-1.33	1787.24	8149.98	-6.80	389	-8.08	1509.28	8073.45	-6.09	390	-14.79	1230.64	7996.65	-5.38
392	419.20	415.48	85.70	391	-2.16	1753.81	8049.83	-8.70	392	-8.12	1513.09	7984.52	-8.12	393	-14.06	1271.79	7918.99	-7.53
395	419.43	418.63	86.13	394	-2.69	1661.76	7918.95	-11.06	395	-8.59	1516.42	7882.12	-10.84	396	-14.50	1370.72	7845.17	-10.61
398	419.63	421.78	86.56	397	-0.75	1517.32	7765.17	-12.06	398	-8.56	1519.28	7771.87	-12.38	399	-16.40	1521.26	7778.60	-12.71
401	419.81	424.93	86.99	400	1.17	1372.59	7611.79	-10.02	401	-8.55	1521.77	7662.06	-10.85	402	-18.33	1671.33	7712.50	-11.69
404	419.96	428.08	87.42	403	0.60	1279.58	7482.09	-7.03	404	-9.06	1523.92	7560.95	-8.16	405	-18.80	1768.87	7640.08	-9.30
407	420.09	431.23	87.85	406	-0.26	1244.43	7383.92	-4.94	407	-9.13	1525.76	7474.16	-6.16	408	-18.11	1807.79	7564.69	-7.38
410	420.20	434.38	88.28	409	-0.68	1251.68	7314.88	-3.58	410	-9.12	1527.27	7403.57	-4.73	411	-17.66	1803.55	7492.56	-5.89
413	420.28	437.54	88.71	412	-0.94	1288.55	7270.68	-2.78	413	-8.99	1528.47	7348.82	-3.76	414	-17.13	1769.00	7427.22	-4.75
416	420.34	440.69	89.14	415	-1.02	1345.03	7246.28	-2.40	416	-8.79	1529.34	7307.85	-3.15	417	-16.64	1714.13	7369.62	-3.89
419	420.37	443.85	89.57	418	-0.99	1413.53	7236.23	-2.33	419	-8.55	1529.90	7277.49	-2.79	420	-16.18	1646.57	7318.89	-3.25
422	420.39	447.00	90.00	421	-0.89	1488.33	7234.97	-2.47	422	-8.29	1530.14	7253.92	-2.63	423	-15.74	1572.06	7272.93	-2.78
425	420.37	450.15	90.43	424	-0.76	1564.85	7236.91	-2.78	425	-8.02	1530.06	7232.92	-2.63	426	-15.30	1495.19	7228.93	-2.47
428	420.34	453.31	90.86	427	-0.65	1638.94	7236.47	-3.25	428	-7.76	1529.65	7210.20	-2.79	429	-14.86	1420.10	7183.83	-2.33
431	420.28	456.46	91.29	430	-0.61	1706.06	7228.08	-3.88	431	-7.52	1528.92	7181.53	-3.15	432	-14.40	1351.35	7134.83	-2.41

ster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
434	420.20	459.62	91.72	433	-0.68	1760.56	7206.20	-4.73	434	-7.31	1527.86	7143.11	-3.76	435	-13.91	1294.59	7079.80	-2.79
437	420.09	462.77	92.15	436	-0.92	1794.94	7165.41	-5.83	437	-7.16	1526.47	7091.76	-4.72	438	-13.37	1257.33	7017.85	-3.60
440	419.96	465.92	92.58	439	-1.31	1799.38	7100.74	-7.28	440	-7.13	1524.75	7025.43	-6.13	441	-12.91	1249.43	6949.85	-4.98
443	419.81	469.07	93.01	442	-2.12	1761.27	7007.91	-9.13	443	-7.17	1522.70	6943.71	-8.10	444	-12.19	1283.54	6879.29	-7.08
446	419.63	472.22	93.44	445	-2.64	1665.35	6884.56	-11.42	446	-7.63	1520.31	6848.47	-10.77	447	-12.62	1374.91	6812.25	-10.11
449	419.43	475.37	93.87	448	-0.70	1517.91	6738.46	-12.37	449	-7.59	1517.62	6745.21	-12.26	450	-14.52	1517.34	6751.98	-12.15
452	419.20	478.52	94.30	451	1.22	1370.86	6592.74	-10.29	452	-7.58	1514.71	6642.08	-10.69	453	-16.43	1658.93	6691.58	-11.09
455	418.95	481.67	94.73	454	0.67	1276.13	6470.47	-7.26	455	-8.07	1511.63	6547.17	-7.96	456	-16.90	1717.72	6624.13	-8.65
458	418.68	484.81	95.16	457	-0.16	1239.98	6379.29	-5.13	458	-8.13	1508.37	6465.91	-5.91	459	-16.20	1777.44	6552.83	-6.68
461	418.39	487.95	95.59	460	-0.57	1247.09	6316.60	-3.73	461	-8.10	1504.92	6400.00	-4.43	462	-15.73	1763.39	6483.68	-5.12
464	418.07	491.09	96.02	463	-0.81	1284.65	6277.82	-2.90	464	-7.95	1501.25	6348.81	-3.42	465	-15.18	1718.39	6420.03	-3.92
467	417.72	494.22	96.45	466	-0.89	1342.42	6257.54	-2.51	467	-7.74	1497.36	6309.98	-2.77	468	-14.65	1652.69	6362.59	-3.02
470	417.36	497.36	96.88	469	-0.86	1412.32	6249.82	-2.45	470	-7.48	1493.22	6280.04	-2.40	471	-14.14	1574.33	6310.35	-2.35
473	416.97	500.49	97.31	472	-0.78	1487.82	6248.52	-2.64	473	-7.19	1488.85	6254.80	-2.27	474	-13.63	1489.88	6261.11	-1.89
476	416.56	503.62	97.74	475	-0.70	1563.16	6247.38	-3.05	476	-6.91	1484.21	6229.78	-2.36	477	-13.13	1405.07	6212.12	-1.67
479	416.12	506.74	98.17	478	-0.66	1632.60	6240.15	-3.68	479	-6.64	1479.32	6200.45	-2.69	480	-12.61	1325.66	6160.62	-1.70
482	415.66	509.86	98.60	481	-0.73	1689.56	6220.67	-4.54	482	-6.41	1474.17	6162.62	-3.30	483	-12.07	1258.25	6104.37	-2.07
485	415.17	512.98	99.03	484	-0.96	1725.86	6182.92	-5.69	485	-6.25	1468.77	6112.74	-4.28	486	-11.49	1211.05	6042.31	-2.88
488	414.67	516.09	99.46	487	-1.35	1731.13	6121.43	-7.18	488	-6.19	1463.13	6048.40	-5.73	489	-11.00	1194.47	5975.11	-4.29
491	414.14	519.20	99.89	490	-2.16	1692.37	6031.58	-9.09	491	-6.22	1457.26	5968.93	-7.77	492	-10.25	1221.58	5906.06	-6.45
494	413.58	522.31	100.32	493	-2.68	1593.96	5910.70	-11.46	494	-6.68	1451.17	5875.98	-10.50	495	-10.68	1308.03	5841.12	-9.55
497	413.01	525.41	100.75	496	-0.74	1441.93	5766.49	-12.47	497	-6.64	1444.90	5774.97	-12.08	498	-12.57	1447.89	5783.48	-11.68
500	412.41	528.51	101.18	499	1.19	1288.27	5622.16	-10.43	500	-6.63	1438.54	5674.11	-10.57	501	-14.51	1589.19	5726.24	-10.70
503	411.78	531.60	101.61	502	0.62	1185.12	5501.02	-7.43	503	-7.15	1432.12	5581.69	-7.90	504	-15.00	1679.74	5662.63	-8.35
506	411.14	534.69	102.04	505	-0.24	1138.84	5410.98	-5.33	506	-7.23	1425.64	5503.42	-5.91	507	-14.32	1713.16	5596.17	-6.47
509	410.47	537.77	102.47	508	-0.67	1134.14	5349.84	-3.95	509	-7.23	1419.05	5441.41	-4.49	510	-13.89	1704.68	5533.28	-5.02
512	409.77	540.85	102.90	511	-0.93	1158.41	5313.57	-3.13	512	-7.12	1412.33	5395.54	-3.53	513	-13.39	1666.89	5477.78	-3.91
515	409.06	543.92	103.33	514	-1.01	1201.89	5297.47	-2.71	515	-6.94	1405.45	5364.05	-2.90	516	-12.94	1609.51	5430.85	-3.07
518	408.32	546.99	103.76	517	-0.98	1257.36	5296.51	-2.59	518	-6.72	1398.37	5344.12	-2.51	519	-12.52	1539.74	5391.88	-2.43
521	407.56	550.05	104.19	520	-0.86	1319.61	5305.62	-2.65	521	-6.48	1391.08	53[illegible]24	-2.30	522	-12.13	1462.73	5358.94	-1.93
524	406.77	553.11	104.62	523	-0.70	1384.87	5319.74	-2.86	524	-6.22	1383.56	52[illegible]51	-2.21	525	-11.76	1382.24	5329.30	-1.56
527	405.97	556.16	105.05	526	-0.55	1450.08	5333.85	-3.17	527	-5.97	1375.80	5316.85	-2.23	528	-11.39	1301.34	5299.80	-1.29
530	405.13	559.20	105.48	529	-0.43	1512.10	5342.90	-3.61	530	-5.72	1367.80	5305.16	-2.38	531	-10.99	1223.13	5267.29	-1.16
533	404.28	562.24	105.91	532	-0.39	1567.08	5341.76	-4.19	533	-5.49	1359.56	5285.47	-2.71	534	-10.56	1151.53	5228.98	-1.24
536	403.41	565.27	106.34	535	-0.48	1609.62	5325.21	-4.97	536	-5.30	1351.11	5254.19	-3.29	537	-10.08	1091.96	5182.92	-1.62
539	402.51	568.29	106.77	538	-0.74	1632.19	5288.09	-6.03	539	-5.17	1342.46	5208.39	-4.22	540	-9.55	1052.02	5128.41	-2.44

yster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
542	401.58	571.31	107.20	541	-1.17	1624.59	5225.54	-7.44	542	-5.15	1333.65	5146.23	-5.63	543	-9.09	1041.99	5066.64	-3.84
545	400.64	574.32	107.63	544	-2.03	1573.59	5133.41	-9.28	545	-5.21	1324.69	5067.53	-7.64	546	-8.36	1075.19	5001.43	-6.01
548	399.67	577.32	108.06	547	-2.61	1463.12	5009.45	-11.60	548	-5.70	1315.63	4974.46	-10.37	549	-8.79	1167.77	4939.33	-9.15
551	398.68	580.32	108.49	550	-0.74	1298.44	4861.67	-12.59	551	-5.70	1306.50	4872.92	-11.98	552	-10.68	1314.60	4884.20	-11.36
554	397.67	583.31	108.92	553	1.11	1130.48	4713.54	-10.58	554	-5.73	1297.41	4771.65	-10.56	555	-12.63	1464.77	4829.95	-10.51
557	396.64	586.29	109.35	556	0.48	1010.52	4588.74	-7.63	557	-6.29	1288.39	4679.58	-7.99	558	-13.16	1566.94	4770.73	-8.32
560	395.58	589.26	109.78	559	-0.44	944.52	4495.85	-5.57	560	-6.43	1279.39	4603.26	-6.12	561	-12.53	1615.10	4711.04	-6.64
563	394.50	592.23	110.21	562	-0.90	917.23	4433.63	-4.21	563	-6.51	1270.38	4545.78	-4.81	564	-12.24	1624.42	4658.31	-5.38
566	393.40	595.18	110.64	565	-1.30	916.48	4399.29	-3.38	566	-6.43	1261.29	4508.20	-3.93	567	-11.68	1606.96	4617.48	-4.43
569	392.28	598.13	111.07	568	-1.02	933.79	4390.01	-2.89	569	-6.50	1252.06	4490.01	-3.31	570	-12.08	1571.13	4590.34	-3.71
572	391.13	601.07	111.50	571	1.92	985.28	4410.05	4.00	572	-6.30	1242.84	4490.29	4.10	573	-14.62	1500.95	4570.78	4.24
575	390.73	602.10	111.65	574	-3.24	1034.99	4428.70	-0.16	575	-4.82	1239.55	4494.77	0.37	576	-6.50	1444.61	4561.06	0.92
578	390.32	603.12	111.80	577	0.31	1049.76	4440.44	-0.04	578	-5.24	1236.09	4499.68	0.52	579	-10.85	1423.12	4559.19	1.11
581	389.91	604.14	111.95	580	-0.85	1065.05	4452.21	0.06	581	-5.30	1232.81	4506.05	0.68	582	-9.82	1400.59	4559.94	1.33
584	389.50	605.16	112.10	583	-0.21	1082.32	4466.28	0.27	584	-4.99	1229.05	4513.57	0.86	585	-9.81	1376.93	4561.25	1.46
587	389.08	606.18	112.25	586	-0.97	1100.10	4481.11	0.24	587	-5.66	1226.14	4522.09	1.04	588	-10.41	1350.87	4562.73	1.86
590	388.67	607.20	112.40	589	0.38	1121.31	4498.48	0.79	590	-4.35	1221.33	4531.55	1.24	591	-9.12	1325.02	4565.75	1.70
593	388.24	608.21	112.55	592	-1.87	1140.37	4514.84	0.12	593	-6.64	1220.34	4541.81	1.45	594	-11.44	1293.52	4566.76	2.80
596	387.82	609.23	112.70	595	0.94	1169.00	4536.15	2.05	596	-3.70	1211.56	4551.87	1.69	597	-8.36	1267.86	4571.74	1.32
599	387.40	610.24	112.85	598	2.42	1185.26	4553.69	-1.16	599	-2.83	1217.19	4566.03	1.94	600	-8.09	1225.56	4571.31	5.08
602	386.97	611.26	113.00	601	-1.11	1250.23	4584.48	-71.50	602	-38.28	1220.35	4568.72	10.00	603	-51.66	1122.82	4539.82	73.13
605	386.88	611.39	113.02	604	22.16	1495.47	4667.41	-75.23	605	6.29	1279.98	4602.17	1.67	606	12.73	1076.36	4547.16	61.19
608	386.11	613.20	113.29	607	-3.56	1594.48	4707.60	-2.07	608	-8.29	1278.93	4616.21	0.29	609	-12.96	970.57	4526.92	2.60
611	385.33	615.01	113.56	610	-0.91	1632.44	4730.59	-1.63	611	-4.95	1275.65	4627.69	-0.43	612	-8.91	911.98	4522.65	0.74
614	384.54	616.81	113.83	613	0.28	1664.53	4743.03	-3.34	614	-3.99	1266.17	4628.31	-1.14	615	-8.18	871.21	4514.52	1.01
617	383.74	618.61	114.09	616	-1.32	1679.63	4740.32	-3.54	617	-5.44	1261.02	4620.36	-1.91	618	-9.48	838.39	4499.10	-0.32
620	382.93	620.41	114.36	619	-0.07	1684.12	4725.50	-4.86	620	-4.17	1252.66	4602.52	-2.77	621	-8.18	822.30	4479.77	-0.72
623	382.11	622.20	114.63	622	-1.14	1670.78	4694.59	-5.55	623	-5.10	1246.42	4574.63	-3.77	624	-8.97	819.60	4453.84	-2.03
626	381.29	623.98	114.90	625	-0.63	1640.55	4649.18	-6.89	626	-4.46	1238.62	4536.81	-4.96	627	-8.21	836.77	4424.38	-3.07
629	380.45	625.77	115.17	628	-1.31	1587.41	4587.17	-8.06	629	-4.98	1231.85	4489.53	-6.39	630	-8.57	874.77	4391.35	-4.76
632	379.61	627.55	115.44	631	-1.31	1508.90	4509.47	-9.70	632	-4.68	1224.36	4433.86	-8.10	633	-8.01	939.64	4358.15	-6.54
635	378.76	629.32	115.70	634	-1.71	1398.99	4415.61	-11.39	635	-5.18	1217.39	4371.34	-10.13	636	-8.62	1035.01	4326.80	-8.88
638	377.91	631.09	115.97	637	-0.34	1263.84	4310.54	-12.19	638	-4.58	1210.10	4304.63	-11.20	639	-8.82	1156.48	4298.76	-10.22
641	377.04	632.86	116.24	640	0.76	1128.75	4204.27	-10.70	641	-4.25	1203.12	4236.53	-10.05	642	-9.29	1277.53	4268.84	-9.38
644	376.16	634.63	116.51	643	0.63	1020.07	4107.44	-8.37	644	-4.47	1196.06	4169.87	-7.94	645	-9.63	1372.57	4232.53	-7.47
647	375.28	636.39	116.78	646	0.22	942.76	4024.11	-6.42	647	-4.56	1189.16	4107.30	-6.16	648	-9.42	1436.08	4190.73	-5.86

ter Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
650	374.39	638.14	117.05	649	0.01	891.87	3954.54	-4.86	650	-4.60	1182.25	4050.39	-4.69	651	-9.29	1473.35	4146.56	-4.47
653	373.49	639.89	117.31	652	-0.23	862.51	3898.17	-3.61	653	-4.64	1175.42	4000.19	-3.49	654	-9.16	1489.04	4102.51	-3.34
656	372.58	641.64	117.58	655	-0.36	850.46	3854.28	-2.66	656	-4.64	1168.59	3957.21	-2.55	657	-9.01	1487.48	4060.47	-2.39
659	371.67	643.38	117.85	658	-0.53	851.91	3821.79	-1.95	659	-4.64	1161.78	3921.60	-1.82	660	-8.85	1472.37	4021.73	-1.64
662	370.74	645.12	118.12	661	-0.48	863.68	3799.63	-1.46	662	-4.61	1154.95	3893.19	-1.27	663	-8.83	1446.90	3987.04	-1.03
665	369.81	646.85	118.39	664	-1.00	882.99	3786.30	-1.12	665	-4.60	1148.09	3871.54	-0.86	666	-8.29	1413.81	3957.05	-0.57
668	368.87	648.58	118.66	667	1.41	910.97	3782.65	4.11	668	-4.71	1141.41	3856.23	4.75	669	-10.91	1371.78	3929.87	5.44
671	368.80	648.72	118.68	670	1.85	925.19	3786.35	-5.23	671	-4.88	1140.80	3855.13	-4.68	672	-11.68	1356.24	3923.93	-4.09
674	367.64	650.82	119.00	673	0.00	933.84	3780.30	-1.26	674	-4.73	1132.10	3843.95	-0.91	675	-9.52	1330.83	3907.81	-0.54
677	366.48	652.91	119.33	676	-1.00	971.98	3790.45	-1.27	677	-4.57	1123.52	3839.95	-0.78	678	-8.20	1275.40	3889.60	-0.27
680	365.30	654.99	119.66	679	-0.63	1011.90	3806.75	-1.34	680	-4.49	1114.79	3841.22	-0.70	681	-8.39	1217.92	3875.29	-0.04
683	364.11	657.06	119.98	682	-0.63	1052.49	3826.69	-1.46	683	-4.39	1105.90	3846.14	-0.65	684	-8.19	1159.45	3865.64	0.16
686	362.91	659.13	120.31	685	-0.51	1093.27	3848.59	-1.58	686	-4.30	1096.85	3853.02	-0.62	687	-8.10	1100.45	3857.46	0.34
689	361.70	661.19	120.63	688	-0.42	1133.92	3870.60	-1.73	689	-4.20	1087.63	3860.15	-0.61	690	-7.98	1041.23	3849.67	0.51
692	360.47	663.25	120.96	691	-0.32	1174.15	3890.92	-1.88	692	-4.10	1078.23	3865.83	-0.60	693	-7.87	982.09	3840.65	0.67
695	359.24	665.30	121.29	694	-0.25	1213.46	3907.68	-2.07	695	-4.01	1068.66	3868.33	-0.63	696	-7.74	923.52	3828.85	0.79
698	357.99	667.34	121.61	697	-0.20	1251.01	3918.92	-2.29	698	-3.91	1058.93	3865.96	-0.71	699	-7.58	866.40	3812.83	0.85
701	356.73	669.37	121.94	700	-0.19	1285.36	3922.57	-2.60	701	-3.82	1049.05	3857.07	-0.88	702	-7.41	812.20	3791.37	0.82
704	355.46	671.40	122.26	703	-0.22	1314.34	3916.39	-3.02	704	-3.74	1039.06	3840.10	-1.17	705	-7.21	763.13	3763.56	0.63
707	354.17	673.42	122.59	706	-0.32	1334.84	3898.10	-3.59	707	-3.68	1028.97	3813.66	-1.65	708	-6.98	722.39	3728.95	0.24
710	352.88	675.43	122.92	709	-0.48	1342.67	3865.32	-4.36	710	-3.64	1018.83	3776.64	-2.37	711	-6.73	694.23	3687.67	-0.43
713	351.57	677.43	123.24	712	-0.74	1332.42	3815.80	-5.38	713	-3.62	1008.66	3728.36	-3.40	714	-6.45	684.16	3640.62	-1.46
716	350.26	679.43	123.57	715	-1.06	1297.39	3747.52	-6.69	716	-3.67	998.52	3668.73	-4.79	717	-6.22	698.95	3589.67	-2.94
719	348.93	681.42	123.89	718	-1.60	1229.59	3658.90	-8.33	719	-3.72	988.44	3598.54	-6.62	720	-5.80	746.73	3537.98	-4.95
722	347.59	683.40	124.22	721	-1.91	1119.87	3549.37	-10.33	722	-4.06	978.46	3519.63	-8.95	723	-6.20	836.71	3489.78	-7.57
725	346.24	685.37	124.55	724	-0.40	973.73	3424.59	-11.20	725	-3.75	968.62	3435.66	-10.24	726	-7.12	963.49	3446.76	-9.27
728	344.88	687.34	124.87	727	1.11	826.94	3299.57	-9.50	728	-3.45	958.96	3351.20	-8.94	729	-8.06	1091.31	3402.99	-8.36
731	343.50	689.30	125.20	730	0.78	715.55	3189.31	-6.86	731	-3.83	949.52	3270.86	-6.60	732	-8.52	1184.04	3352.65	-6.29
734	342.12	691.25	125.52	733	0.22	645.53	3099.48	-4.82	734	-3.90	940.25	3198.04	-4.74	735	-8.11	1235.67	3297.70	-4.59
737	340.72	693.19	125.85	736	-0.13	607.99	3029.54	-3.31	737	-3.97	931.13	3135.98	-3.30	738	-7.91	1255.03	3242.74	-3.23
740	339.32	695.13	126.18	739	-0.41	595.03	2977.99	-2.23	740	-3.98	922.11	3084.49	-2.23	741	-7.64	1249.95	3191.32	-2.17
743	337.90	697.05	126.50	742	-0.59	599.92	2942.93	1.52	743	-3.95	913.14	3044.14	-1.48	744	-7.40	1227.10	3145.67	-1.57
746	336.47	698.97	126.83	745	-0.71	617.12	2922.21	-1.09	746	-3.90	904.18	3014.49	-0.97	747	-7.18	1191.93	3107.07	-0.78
749	335.03	700.88	127.15	748	-0.76	642.26	2913.65	-0.88	749	-3.83	895.19	2994.70	-0.65	750	-6.98	1148.71	3076.01	-0.36
752	333.58	702.79	127.48	751	-0.76	672.05	2915.10	-0.82	752	-3.76	886.11	2983.62	-0.46	753	-6.81	1100.69	3052.36	-0.06
755	332.12	704.68	127.81	754	-0.73	704.15	2924.57	-0.86	755	-3.67	876.92	2979.97	-0.37	756	-6.67	1050.11	3035.55	0.16

yster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
758	330.65	706.57	128.13	757	-0.67	737.04	2940.20	-0.96	758	-3.59	867.59	2982.36	-0.33	759	-6.56	998.45	3024.64	0.32
761	329.17	708.44	128.46	760	-0.59	769.86	2960.33	-1.09	761	-3.51	858.08	2989.36	-0.32	762	-6.46	946.51	3018.49	0.46
764	327.67	710.31	128.78	763	-0.50	802.23	2983.41	-1.22	764	-3.43	848.37	2999.56	-0.32	765	-6.38	894.62	3015.76	0.60
767	326.17	712.17	129.11	766	-0.40	834.16	3008.02	-1.34	767	-3.35	838.45	3011.52	-0.30	768	-6.30	842.76	3015.04	0.74
770	324.66	714.02	129.44	769	-0.30	865.80	3032.77	-1.46	770	-3.26	828.31	3023.83	-0.28	771	-6.23	790.74	3014.85	0.90
773	323.13	715.87	129.76	772	-0.21	897.35	3056.28	-1.56	773	-3.18	817.95	3035.03	-0.24	774	-6.15	738.37	3013.72	1.07
776	321.60	717.70	130.09	775	-0.12	928.85	3077.12	-1.67	776	-3.10	807.37	3043.70	-0.20	777	-6.06	685.61	3010.18	1.24
779	320.05	719.53	130.41	778	-0.06	960.05	3093.72	-1.79	779	-3.02	796.58	3048.37	-0.19	780	-5.95	632.73	3002.87	1.38
782	318.50	721.34	130.74	781	-0.02	990.22	3104.40	-1.96	782	-2.94	785.60	3047.56	-0.23	783	-5.81	580.51	2990.54	1.47
785	316.93	723.15	131.07	784	-0.02	1017.99	3107.28	-2.21	785	-2.86	774.46	3039.83	-0.35	786	-5.65	530.37	2972.16	1.46
788	315.35	724.95	131.39	787	-0.06	1041.18	3100.31	-2.57	788	-2.79	763.19	3023.78	-0.60	789	-5.45	484.55	2947.00	1.31
791	313.77	726.74	131.72	790	-0.17	1056.66	3081.31	-3.09	791	-2.73	751.83	2998.16	-1.04	792	-5.23	446.28	2914.75	0.94
794	312.17	728.52	132.04	793	-0.34	1060.18	3048.03	-3.81	794	-2.69	740.42	2961.98	-1.73	795	-4.98	419.93	2875.64	0.29
797	310.56	730.29	132.37	796	-0.60	1046.28	2998.28	-4.78	797	-2.69	729.04	2914.62	-2.72	798	-4.71	411.05	2830.69	-0.72
800	308.94	732.06	132.70	799	-0.93	1008.20	2930.11	-6.05	800	-2.73	717.72	2856.08	-4.09	801	-4.48	426.56	2781.81	-2.18
803	307.32	733.81	133.02	802	-1.48	937.88	2841.99	-7.65	803	-2.79	706.53	2787.19	-5.89	804	-4.07	474.63	2732.20	-4.16
806	305.68	735.55	133.35	805	-1.78	826.14	2733.47	-9.62	806	-3.13	695.51	2709.80	-8.19	807	-4.47	564.58	2686.09	-6.77
809	304.03	737.29	133.68	808	-0.28	678.38	2610.12	-10.45	809	-2.83	684.74	2627.61	-9.46	810	-5.40	691.09	2645.14	-8.45
812	302.38	739.01	134.00	811	1.25	530.45	2487.17	-8.70	812	-2.52	674.23	2545.19	-8.14	813	-6.34	818.39	2603.41	-7.52
815	300.71	740.73	134.33	814	0.91	418.56	2379.59	-6.02	815	-2.91	664.06	2467.18	-5.75	816	-6.81	910.09	2555.02	-5.41
818	299.03	742.44	134.65	817	0.39	349.01	2293.12	-3.91	818	-2.96	654.10	2397.38	-3.83	819	-6.40	959.96	2501.96	-3.66
821	297.35	744.13	134.98	820	0.02	313.17	2227.20	-2.33	821	-3.06	644.42	2337.79	-2.32	822	-6.24	976.38	2448.71	-2.22
824	295.65	745.82	135.31	823	-0.19	303.56	2180.40	-1.16	824	-3.01	634.82	2289.40	-1.17	825	-5.93	966.96	2398.77	-1.08
827	293.95	747.50	135.63	826	-0.42	313.62	2150.68	-0.38	827	-3.04	625.41	2252.25	-0.31	828	-5.76	937.80	2354.10	-0.15
830	292.23	749.16	135.96	829	-0.42	338.40	2135.93	0.17	830	-2.89	615.90	2225.74	0.33	831	-5.44	894.23	2315.88	0.55
833	290.51	750.82	136.28	832	-0.54	373.53	2133.59	0.46	833	-2.92	606.54	2208.74	0.78	834	-5.36	839.85	2284.06	1.18
836	288.77	752.47	136.61	835	-0.41	418.[illegible]	2141.48	0.68	836	-2.66	596.84	2199.80	1.12	837	-4.97	778.00	2258.41	1.62
839	287.03	754.11	136.94	838	-0.34	466.[illegible]	2156.93	0.68	839	-2.75	587.35	2197.16	1.37	840	-5.20	710.12	2237.39	2.10
842	285.28	755.74	137.26	841	-0.73	516.[illegible]	2177.61	0.76	842	-2.38	577.23	2198.87	1.57	843	-4.05	638.51	2220.38	2.39
845	283.52	757.36	137.59	844	0.31	565.19	2199.55	-1.86	845	-2.56	567.19	2202.77	-0.86	846	-5.43	569.76	2206.16	0.15
848	280.57	760.02	138.13	847	1.85	632.25	2231.61	-0.59	848	-1.94	550.23	2209.71	0.88	849	-5.71	468.35	2187.84	2.33
851	277.60	762.66	138.67	850	0.29	729.96	2263.91	-1.13	851	-1.29	532.85	2209.57	0.98	852	-2.83	334.87	2154.93	3.05
854	274.61	765.27	139.21	853	1.39	824.02	2276.47	-1.75	854	-0.36	514.60	2190.99	0.84	855	-2.04	204.96	2105.38	3.35
857	271.59	767.85	139.75	856	0.75	900.73	2252.81	-2.93	857	0.00	496.62	2142.98	0.20	858	-0.66	90.96	2032.60	3.23
860	268.55	770.40	140.29	859	0.51	939.62	2177.92	-4.49	860	0.77	478.13	2055.86	-1.24	861	1.12	16.30	1[illegible]	1.89
863	265.48	772.92	140.84	862	-2.16	905.34	2034.55	-7.16	863	0.46	460.94	1923.40	-3.93	864	3.16	14.63	1811.62	-0.82

ster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

				Outside Nodes					Middle Nodes					Inside Nodes				
Node	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
866	262.39	775.41	141.38	865	-2.99	751.98	1811.63	-10.54	866	-0.07	443.92	1745.95	-8.30	867	2.89	136.20	1680.34	-6.14
869	259.28	777.88	141.92	868	-13.67	414.81	1499.73	-15.51	869	-1.01	429.44	1535.96	-14.75	870	11.55	442.89	1571.89	-13.96
872	256.14	780.31	142.46	871	0.77	-170.46	1122.49	-20.77	872	-9.21	415.50	1320.61	-23.51	873	-19.34	1004.26	1519.77	-26.10
875	252.98	782.72	143.00	874	14.12	-409.78	909.43	9.21	875	-7.65	376.53	1155.62	20.17	876	-21.83	1170.35	1406.56	-51.88
878	251.48	783.85	143.26	877	-8.00	-269.89	886.00	-18.56	878	-7.13	163.41	1048.00	61.14	879	16.51	563.92	1207.22	-101.12
881	249.98	784.97	143.51	880	-7.28	-144.41	866.91	-12.55	881	-10.11	114.30	991.55	10.53	882	-5.17	321.87	1103.59	-40.51
884	247.27	786.96	143.97	883	0.19	-151.82	798.78	-7.25	884	-1.48	95.18	918.57	-7.02	885	-3.56	340.01	1038.26	-6.27
887	244.55	788.92	144.43	886	1.14	-204.32	719.39	-5.86	887	-2.03	84.74	849.15	-5.30	888	-5.63	378.64	980.97	-4.11
890	241.81	790.87	144.89	889	0.55	-246.35	647.67	-3.59	890	-1.87	77.36	785.43	-3.57	891	-4.73	402.58	924.25	-2.95
893	239.05	792.79	145.34	892	1.25	-271.01	587.13	-1.13	893	-1.08	69.07	726.86	-1.16	894	-3.87	412.76	868.27	-0.55
896	236.28	794.69	145.80	895	1.46	-277.32	537.79	1.52	896	-0.68	61.85	674.17	1.40	897	-3.26	403.98	812.01	1.90
899	233.49	796.57	146.26	898	-1.59	-265.94	498.43	3.50	899	-3.86	55.45	626.33	3.46	900	-6.54	377.68	754.91	4.09
902	230.69	798.42	146.72	901	5.07	-237.71	472.34	-1.29	902	4.20	51.78	587.90	4.78	903	2.87	336.35	702.49	11.25
905	225.89	801.86	147.52	904	8.17	-202.60	425.18	-5.56	905	7.04	43.41	522.12	5.44	906	5.60	279.88	616.65	16.52
908	221.39	805.68	148.32	907	4.11	-166.97	379.54	-4.68	908	3.37	34.02	458.27	4.30	909	2.38	225.95	534.70	13.26
911	217.22	809.87	149.09	910	4.32	-137.60	337.21	-3.79	911	3.25	25.66	400.54	3.57	912	1.94	182.18	462.23	10.93
914	213.41	814.38	149.85	913	3.32	-111.40	298.03	-2.73	914	2.18	18.97	348.26	3.14	915	0.83	143.66	397.10	8.98
917	209.99	819.19	150.57	916	2.58	-86.60	262.95	-1.81	917	1.51	13.40	301.54	2.73	918	0.27	109.25	339.15	7.24
920	206.97	824.26	151.25	919	1.70	-65.03	230.74	-1.20	920	0.72	9.12	259.62	2.17	921	-0.39	80.02	287.75	5.51
923	204.38	829.57	151.89	922	0.90	-50.36	199.54	-1.27	923	0.23	5.88	221.58	1.29	924	-0.51	59.78	243.11	3.42
926	202.23	835.08	152.47	925	0.45	-48.60	167.11	-2.42	926	-0.19	3.89	186.71	-0.03	927	-0.90	53.94	205.76	1.30
929	200.55	840.74	153.01	928	1.53	-59.52	134.54	-3.62	929	0.77	2.65	155.81	-0.89	930	-0.11	62.39	176.52	1.78
932	199.34	846.52	153.48	931	2.87	-69.87	107.57	-3.28	932	1.70	2.02	130.61	-0.17	933	0.34	70.74	152.85	2.84
935	198.61	852.38	153.90	934	2.19	-64.89	91.89	-1.50	935	1.55	1.20	112.65	1.18	936	0.75	65.07	132.88	3.78
938	198.37	858.28	154.25	937	2.79	-49.67	86.92	2.55	938	1.89	0.00	102.35	2.63	939	0.92	49.41	117.87	2.74
941	198.31	858.78	154.28	940	-0.95	-48.36	85.81	6.85	941	-0.92	0.62	101.32	-2.32	942	-1.14	46.33	115.92	4.37
944	196.32	860.78	154.39	943	-3.41	-91.45	70.61	12.72	944	-0.47	0.15	98.44	-13.70	945	2.51	90.82	129.14	12.53
947	198.32	862.78	154.50	946	-1.97	-220.21	33.47	3.83	947	-0.07	0.28	100.33	-4.43	948	1.82	220.34	167.19	4.08
950	198.32	863.78	154.55	949	3.69	-263.51	26.63	7.53	950	-0.47	0.31	104.67	7.51	951	-4.75	263.73	182.73	7.50
953	198.32	864.78	154.61	952	-1.49	-197.85	52.98	6.54	953	-0.29	0.08	112.89	6.58	954	0.81	198.34	173.00	5.61
956	198.32	865.78	154.66	955	-0.09	-140.22	81.71	5.69	956	-0.43	0.13	123.93	5.69	957	-0.84	140.43	166.20	5.70
959	198.32	866.78	154.71	958	-0.41	-90.66	109.50	4.85	959	-0.41	0.05	136.97	4.87	960	-0.45	90.86	164.52	4.88
962	198.32	867.78	154.76	961	-0.35	-48.13	136.57	4.08	962	-0.45	0.04	151.29	4.09	963	-0.58	48.21	166.04	4.10
965	198.32	868.83	154.82	964	-0.30	-11.67	163.26	3.39	965	-0.46	0.01	167.06	3.40	966	-0.63	11.70	170.88	3.41
968	198.32	869.88	154.87	967	-0.31	18.77	188.30	2.76	968	-0.49	-0.01	183.00	2.77	969	-0.66	-18.81	177.69	2.77
971	198.32	870.93	154.93	970	-0.27	43.45	211.32	2.22	971	-0.50	-0.03	198.64	2.22	972	-0.71	-43.54	185.93	2.23

yster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
974	198.32	871.96	154.98	973	-0.24	63.16	232.15	1.75	974	-0.51	-0.04	213.58	1.76	975	-0.76	-63.28	194.96	1.76
977	198.32	873.03	155.04	976	-0.20	78.67	250.72	1.37	977	-0.52	-0.06	227.51	1.37	978	-0.80	-78.82	204.25	1.37
980	198.32	874.08	155.09	979	-0.18	90.69	266.99	1.05	980	-0.53	-0.06	240.19	1.05	981	-0.84	-90.87	213.33	1.06
983	198.32	875.13	155.15	982	-0.15	99.91	280.96	0.80	983	-0.53	-0.08	251.43	0.80	984	-0.86	-100.10	221.82	0.80
986	198.32	876.18	155.20	985	-0.11	106.88	292.72	0.60	986	-0.55	-0.07	261.08	0.60	987	-0.95	-107.10	229.37	0.60
989	198.32	877.23	155.25	988	-0.19	112.12	302.21	0.45	989	-0.50	-0.10	269.05	0.45	990	-0.76	-112.31	235.85	0.45
992	198.32	878.28	155.31	991	-0.08	114.36	309.25	-0.13	992	-0.64	-0.16	275.34	-0.12	993	-1.15	-114.68	241.38	-0.11
995	198.32	880.55	155.42	994	-0.16	116.19	317.11	0.17	995	-0.69	-0.21	282.65	0.17	996	-1.17	-116.69	248.12	0.17
998	198.32	882.81	155.53	997	-0.34	118.40	316.32	0.04	998	-0.67	-0.22	281.26	0.05	999	-0.95	-118.89	246.13	0.05
1001	198.32	885.08	155.64	1000	-0.39	116.94	305.74	-0.14	1001	-0.68	-0.21	271.11	-0.14	1002	-0.91	-117.43	236.41	-0.15
1004	198.32	887.34	155.75	1003	-0.56	109.34	284.65	-0.50	1004	-0.66	-0.20	252.32	-0.50	1005	-0.72	-109.79	219.92	-0.50
1007	198.32	889.61	155.86	1006	-0.83	96.09	252.24	-1.11	1007	-0.62	-0.17	225.43	-1.12	1008	-0.36	-91.47	198.56	-1.13
1010	198.32	891.88	155.97	1009	-0.93	55.80	208.00	-2.07	1010	-0.64	-0.10	191.73	-2.08	1011	-0.32	-56.04	175.43	-2.10
1013	198.32	894.14	156.08	1012	0.06	4.51	155.09	-2.60	1013	-0.24	-0.01	153.97	-2.62	1014	-0.55	-4.53	152.84	-2.64
1016	198.32	896.41	156.19	1015	1.04	-45.11	102.36	-1.91	1016	0.15	0.08	115.88	-1.92	1017	-0.77	45.31	129.43	-1.94
1019	198.32	898.67	156.29	1018	0.93	-75.46	58.50	-0.80	1019	0.12	0.14	81.08	-0.81	1020	-0.73	75.78	103.71	-0.81
1022	198.32	900.94	156.40	1021	0.62	-85.81	26.21	-0.05	1022	0.16	0.16	51.95	-0.06	1023	-0.35	86.17	77.74	-0.06
1025	198.32	903.20	156.50	1024	0.41	-83.13	4.24	0.40	1025	0.14	0.15	29.18	0.40	1026	-0.16	83.47	54.17	0.40
1028	198.32	905.47	156.61	1027	0.23	-72.94	-9.32	0.62	1028	0.13	0.13	12.57	0.63	1029	-0.02	73.25	34.51	0.63
1031	198.32	907.73	156.71	1030	0.11	-59.33	-16.46	0.70	1031	0.10	0.11	1.36	0.70	1032	0.07	59.57	19.21	0.71
1034	198.32	910.00	156.81	1033	0.02	-45.07	-19.02	0.67	1034	0.08	0.08	-5.48	0.67	1035	0.11	45.26	8.09	0.68
1037	198.32	912.27	156.91	1036	-0.04	-31.90	-18.58	0.58	1037	0.05	0.06	-9.00	0.59	1038	0.13	32.03	0.61	0.59
1040	198.32	914.53	157.01	1039	-0.06	-20.74	-16.40	0.47	1040	0.03	0.04	-10.17	0.47	1041	0.12	20.83	-3.92	0.48
1043	198.32	916.80	157.11	1042	-0.08	-11.94	-13.41	0.35	1043	0.02	0.02	-9.82	0.36	1044	0.11	11.99	-6.22	0.36
1046	198.32	919.06	157.21	1045	-0.07	-5.45	-10.24	0.25	1046	0.01	0.01	-8.59	0.25	1047	0.09	5.47	-6.95	0.25
1049	198.32	921.33	157.31	1048	-0.07	-1.01	-7.29	0.16	1049	0.00	0.00	-6.98	0.16	1050	0.07	1.02	-6.67	0.16
1052	198.32	923.59	157.41	1051	-0.05	1.74	-4.77	0.09	1052	0.00	0.00	-5.29	0.09	1053	0.05	-1.75	-5.81	0.09
1055	198.32	925.86	157.50	1054	-0.04	3.21	-2.78	0.04	1055	-0.01	-0.01	-3.74	0.04	1056	0.03	-3.22	-4.70	0.04
1058	198.32	928.13	157.60	1057	-0.03	3.75	-1.30	0.01	1058	-0.01	-0.01	-2.42	0.01	1059	0.02	-3.77	-3.55	0.01
1061	198.32	930.39	157.69	1060	-0.02	3.69	-0.28	-0.02	1061	-0.01	-0.01	-1.39	-0.02	1062	0.01	-3.70	-2.50	-0.02
1064	198.32	932.66	157.79	1063	-0.01	3.27	0.35	-0.03	1064	-0.01	-0.01	-0.63	-0.03	1065	0.00	-3.28	-1.61	-0.03
1067	198.32	934.92	157.88	1066	-0.01	2.68	0.70	-0.03	1067	0.00	0.00	-0.11	-0.03	1068	0.00	-2.69	-0.92	-0.03
1070	198.32	937.19	157.97	1069	0.00	2.05	0.83	-0.03	1070	0.00	0.00	0.21	-0.03	1071	0.00	-2.06	-0.41	-0.03
1073	198.32	939.45	158.06	1072	0.00	1.47	0.82	-0.03	1073	0.00	0.00	0.38	-0.03	1074	-0.01	-1.47	-0.06	-0.03
1076	198.32	941.72	158.16	1075	0.00	0.96	0.73	-0.02	1076	0.00	0.00	0.44	-0.02	1077	-0.01	-0.96	0.15	-0.02
1079	198.32	943.98	158.25	1078	0.00	0.57	0.61	-0.02	1079	0.00	0.00	0.44	-0.02	1080	-0.01	-0.57	0.27	-0.02

ster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
1082	198.32	946.25	158.34	1081	0.00	0.27	0.47	-0.01	1082	0.00	0.00	0.39	-0.01	1083	0.00	-0.27	0.30	-0.01
1085	198.32	948.25	158.41	1084	0.00	0.08	0.35	-0.01	1085	0.00	0.00	0.32	-0.01	1086	0.00	-0.08	0.30	-0.01
1088	198.32	950.25	158.49	1087	0.00	-0.04	0.25	-0.01	1088	0.00	0.00	0.26	-0.01	1089	0.00	0.04	0.27	-0.01
1091	198.32	952.25	158.57	1090	0.00	-0.12	0.16	0.00	1091	0.00	0.00	0.20	0.00	1092	0.00	0.12	0.23	0.00
1094	198.32	954.25	158.65	1093	0.00	-0.16	0.09	0.00	1094	0.00	0.00	0.14	0.00	1095	0.00	0.16	0.19	0.00
1097	198.32	956.25	158.72	1096	0.00	-0.17	0.04	0.00	1097	0.00	0.00	0.09	0.00	1098	0.00	0.17	0.14	0.00
1100	198.32	957.20	158.76	1099	0.00	-0.17	0.02	0.00	1100	0.00	0.00	0.07	0.00	1101	0.00	0.17	0.13	0.00
1103	198.32	958.16	158.79	1102	0.00	-0.16	0.01	0.00	1103	0.00	0.00	0.06	0.00	1104	0.00	0.16	0.11	0.00
1106	198.32	959.11	158.83	1105	0.00	-0.16	0.00	0.00	1106	0.00	0.00	0.04	0.00	1107	0.00	0.16	0.09	0.00
1109	198.32	960.06	158.87	1108	0.00	-0.15	-0.01	0.00	1109	0.00	0.00	0.03	0.00	1110	0.00	0.15	0.08	0.00
1112	198.32	961.01	158.90	1111	0.00	-0.13	-0.02	0.00	1112	0.00	0.00	0.02	0.00	1113	0.00	0.13	0.06	0.00
1115	198.32	961.97	158.94	1114	0.00	-0.12	-0.02	0.00	1115	0.00	0.00	0.01	0.00	1116	0.00	0.12	0.05	0.00
1118	198.32	962.92	158.97	1117	0.00	-0.11	-0.03	0.00	1118	0.00	0.00	0.00	0.00	1119	0.00	0.11	0.04	0.00
1121	198.32	963.87	159.01	1120	0.00	-0.10	-0.03	0.00	1121	0.00	0.00	0.00	0.00	1122	0.00	0.10	0.03	0.00
1124	198.32	964.82	159.04	1123	0.00	-0.08	-0.03	0.00	1124	0.00	0.00	-0.01	0.00	1125	0.00	0.08	0.02	0.00
1127	198.32	965.78	159.08	1126	0.00	-0.07	-0.03	0.00	1127	0.00	-0.01	-0.01	0.00	1128	0.00	0.08	0.02	0.00
1130	198.32	965.88	159.08	1129	0.00	-0.05	-0.03	0.01	1130	0.00	-0.01	-0.01	0.00	1131	0.00	0.04	0.00	0.00
1133	198.32	966.25	159.10	1132	0.00	-0.05	-0.03	0.00	1133	-0.01	0.00	-0.01	0.00	1134	-0.01	0.01	-0.01	0.00
1136	198.32	966.63	159.11	1135	0.00	-0.05	-0.03	0.00	1136	0.00	-0.01	-0.01	0.00	1137	0.00	0.03	0.00	0.00
1139	198.32	966.73	159.11	1138	0.00	-0.05	-0.03	0.00	1139	0.00	-0.01	-0.01	0.00	1140	0.00	0.07	0.01	0.00
1142	198.32	967.73	159.15	1141	0.00	-0.05	-0.03	0.00	1142	0.00	0.00	-0.01	0.00	1143	0.00	0.05	0.00	0.00
1145	198.32	968.73	159.19	1144	0.00	-0.04	-0.03	0.00	1145	0.00	0.00	-0.01	0.00	1146	0.00	0.04	0.00	0.00
1148	198.32	969.73	159.22	1147	0.00	-0.04	-0.03	0.00	1148	0.00	0.00	-0.02	0.00	1149	0.00	0.04	0.00	0.00
1151	198.32	970.73	159.26	1150	0.00	-0.03	-0.02	0.00	1151	0.00	0.00	-0.02	0.00	1152	0.00	0.03	-0.01	0.00
1154	198.32	971.73	159.30	1153	0.00	-0.02	-0.02	0.00	1154	0.00	0.00	-0.02	0.00	1155	0.00	0.02	-0.01	0.00
1157	198.32	972.73	159.33	1156	0.00	-0.02	-0.02	0.00	1157	0.00	0.00	-0.02	0.00	1158	0.00	0.02	-0.01	0.00
1160	198.32	973.73	159.37	1159	0.00	-0.01	-0.02	0.00	1160	0.00	0.00	-0.01	0.00	1161	0.00	0.01	-0.01	0.00
1163	198.32	974.73	159.40	1162	0.00	-0.01	-0.02	0.00	1163	0.00	0.00	-0.01	0.00	1164	0.00	0.01	-0.01	0.00
1166	198.32	975.73	159.44	1165	0.00	-0.01	-0.01	0.00	1166	0.00	0.00	-0.01	0.00	1167	0.00	0.01	-0.01	0.00
1169	198.32	976.73	159.47	1168	0.00	0.00	-0.01	0.00	1169	0.00	0.00	-0.01	0.00	1170	0.00	0.00	-0.01	0.00
1172	198.32	978.93	159.55	1171	0.00	0.00	-0.01	0.00	1172	0.00	0.00	-0.01	0.00	1173	0.00	0.00	-0.01	0.00
1175	198.32	981.13	159.63	1174	0.00	0.00	0.00	0.00	1175	0.00	0.00	-0.01	0.00	1176	0.00	0.00	-0.01	0.00
1178	198.32	983.33	159.71	1177	0.00	0.01	0.00	0.00	1178	0.00	0.00	0.00	0.00	1179	0.00	-0.01	-0.01	0.00
1181	198.32	985.53	159.78	1180	0.00	0.01	0.00	0.00	1181	0.00	0.00	0.00	0.00	1182	0.00	-0.01	0.00	0.00
1184	198.32	987.73	159.86	1183	0.00	0.01	0.00	0.00	1184	0.00	0.00	0.00	0.00	1185	0.00	-0.01	0.00	0.00
1187	198.32	989.94	159.93	1186	0.00	0.00	0.00	0.00	1187	0.00	0.00	0.00	0.00	1188	0.00	0.00	0.00	0.00

yster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure]

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
1190	198.32	992.14	160.01	1189	0.00	0.00	0.00	0.00	1190	0.00	0.00	0.00	0.00	1191	0.00	0.00	0.00	0.00
1193	198.32	994.34	160.08	1192	0.00	0.00	0.00	0.00	1193	0.00	0.00	0.00	0.00	1194	0.00	0.00	0.00	0.00
1196	198.32	996.54	160.16	1195	0.00	0.00	0.00	0.00	1196	0.00	0.00	0.00	0.00	1197	0.00	0.00	0.00	0.00
1199	198.32	998.74	160.23	1198	0.00	0.00	0.00	0.00	1199	0.00	0.00	0.00	0.00	1200	0.00	0.00	0.00	0.00
1202	198.32	1000.94	160.30	1201	0.00	0.00	0.00	0.00	1202	0.00	0.00	0.00	0.00	1203	0.00	0.00	0.00	0.00
1205	198.32	1003.15	160.37	1204	0.00	0.00	0.00	0.00	1205	0.00	0.00	0.00	0.00	1206	0.00	0.00	0.00	0.00
1208	198.32	1005.35	160.45	1207	0.00	0.00	0.00	0.00	1208	0.00	0.00	0.00	0.00	1209	0.00	0.00	0.00	0.00
1211	198.32	1007.55	160.52	1210	0.00	0.00	0.00	0.00	1211	0.00	0.00	0.00	0.00	1212	0.00	0.00	0.00	0.00
1214	198.32	1009.75	160.59	1213	0.00	0.00	0.00	0.00	1214	0.00	0.00	0.00	0.00	1215	0.00	0.00	0.00	0.00
1217	198.32	1010.70	160.62	1216	0.00	0.00	0.00	0.00	1217	0.00	0.00	0.00	0.00	1218	0.00	0.00	0.00	0.00
1220	198.32	1011.66	160.65	1219	0.00	0.00	0.00	0.00	1220	0.00	0.00	0.00	0.00	1221	0.00	0.00	0.00	0.00
1223	198.32	1012.61	160.68	1222	0.00	0.00	0.00	0.00	1223	0.00	0.00	0.00	0.00	1224	0.00	0.00	0.00	0.00
1226	198.32	1013.56	160.71	1225	0.00	0.00	0.00	0.00	1226	0.00	0.00	0.00	0.00	1227	0.00	0.00	0.00	0.00
1229	198.32	1014.51	160.74	1228	0.00	0.00	0.00	0.00	1229	0.00	0.00	0.00	0.00	1230	0.00	0.00	0.00	0.00
1232	198.32	1015.47	160.77	1231	0.00	0.00	0.00	0.00	1232	0.00	0.00	0.00	0.00	1233	0.00	0.00	0.00	0.00
1235	198.32	1016.42	160.80	1234	0.00	0.00	0.00	0.00	1235	0.00	0.00	0.00	0.00	1236	0.00	0.00	0.00	0.00
1238	198.32	1017.37	160.83	1237	0.00	0.00	0.00	0.00	1238	0.00	0.00	0.00	0.00	1239	0.00	0.00	0.00	0.00
1241	198.32	1018.32	160.86	1240	0.00	0.00	0.00	0.00	1241	0.00	0.00	0.00	0.00	1242	0.00	0.00	0.00	0.00
1244	198.32	1019.28	160.89	1243	0.00	0.00	0.00	0.00	1244	0.00	0.00	0.00	0.00	1245	0.00	0.00	0.00	0.00
1247	198.32	1019.38	160.89	1246	0.00	0.00	0.00	0.00	1247	0.00	0.00	0.00	0.00	1248	0.00	0.00	0.00	0.00
1250	198.32	1019.75	160.90	1249	0.00	0.00	0.00	0.00	1250	0.00	0.00	0.00	0.00	1251	0.00	0.00	0.00	0.00
1253	198.32	1020.13	160.91	1252	0.00	0.00	0.00	0.00	1253	0.00	0.00	0.00	0.00	1254	0.00	0.00	0.00	0.00
1256	198.32	1020.23	160.92	1255	0.00	0.00	0.00	0.00	1256	0.00	0.00	0.00	0.00	1257	0.00	0.00	0.00	0.00
1259	198.32	1021.23	160.95	1258	0.00	0.00	0.00	0.00	1259	0.00	0.00	0.00	0.00	1260	0.00	0.00	0.00	0.00
1262	198.32	1022.23	160.98	1261	0.00	0.00	0.00	0.00	1262	0.00	0.00	0.00	0.00	1263	0.00	0.00	0.00	0.00
1265	198.32	1023.23	161.01	1264	0.00	0.00	0.00	0.00	1265	0.00	0.00	0.00	0.00	1266	0.00	0.00	0.00	0.00
1268	198.32	1024.23	161.04	1267	0.00	0.00	0.00	0.00	1268	0.00	0.00	0.00	0.00	1269	0.00	0.00	0.00	0.00
1271	198.32	1025.23	161.07	1270	0.00	0.00	0.00	0.00	1271	0.00	0.00	0.00	0.00	1272	0.00	0.00	0.00	0.00
1274	198.32	1026.23	161.10	1273	0.00	0.00	0.00	0.00	1274	0.00	0.00	0.00	0.00	1275	0.00	0.00	0.00	0.00
1277	198.32	1027.23	161.13	1276	0.00	0.00	0.00	0.00	1277	0.00	0.00	0.00	0.00	1278	0.00	0.00	0.00	0.00
1280	198.32	1028.23	161.16	1279	0.00	0.00	0.00	0.00	1280	0.00	0.00	0.00	0.00	1281	0.00	0.00	0.00	0.00
1283	198.32	1029.23	161.19	1282	0.00	0.00	0.00	0.00	1283	0.00	0.00	0.00	0.00	1284	0.00	0.00	0.00	0.00
1286	198.32	1030.23	161.22	1285	0.00	0.00	0.00	0.00	1286	0.00	0.00	0.00	0.00	1287	0.00	0.00	0.00	0.00
1289	198.32	1032.65	161.29	1288	0.00	0.00	0.00	0.00	1289	0.00	0.00	0.00	0.00	1290	0.00	0.00	0.00	0.00
1292	198.32	1035.08	161.36	1291	0.00	0.00	0.00	0.00	1292	0.00	0.00	0.00	0.00	1293	0.00	0.00	0.00	0.00
1295	198.32	1037.51	161.44	1294	0.00	0.00	0.00	0.00	1295	0.00	0.00	0.00	0.00	1296	0.00	0.00	0.00	0.00

ster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

				Outside Nodes					Middle Nodes					Inside Nodes				
Node	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
1298	198.32	1039.94	161.51	1297	0.00	0.00	0.00	0.00	1298	0.00	0.00	0.00	0.00	1299	0.00	0.00	0.00	0.00
1301	198.32	1042.36	161.58	1300	0.00	0.00	0.00	0.00	1301	0.00	0.00	0.00	0.00	1302	0.00	0.00	0.00	0.00
1304	198.32	1044.79	161.65	1303	0.00	0.00	0.00	0.00	1304	0.00	0.00	0.00	0.00	1305	0.00	0.00	0.00	0.00
1307	198.32	1047.22	161.72	1306	0.00	0.00	0.00	0.00	1307	0.00	0.00	0.00	0.00	1308	0.00	0.00	0.00	0.00
1310	198.32	1049.65	161.78	1309	0.00	0.00	0.00	0.00	1310	0.00	0.00	0.00	0.00	1311	0.00	0.00	0.00	0.00
1313	198.32	1052.07	161.85	1312	0.00	0.00	0.00	0.00	1313	0.00	0.00	0.00	0.00	1314	0.00	0.00	0.00	0.00
1316	198.32	1054.50	161.92	1315	0.00	0.00	0.00	0.00	1316	0.00	0.00	0.00	0.00	1317	0.00	0.00	0.00	0.00
1319	198.32	1055.47	161.95	1318	0.00	0.00	0.00	0.00	1319	0.00	0.00	0.00	0.00	1320	0.00	0.00	0.00	0.00
1322	198.32	1056.43	161.97	1321	0.00	0.00	0.00	0.00	1322	0.00	0.00	0.00	0.00	1323	0.00	0.00	0.00	0.00
1325	198.32	1057.40	162.00	1324	0.00	0.00	0.00	0.00	1325	0.00	0.00	0.00	0.00	1326	0.00	0.00	0.00	0.00
1328	198.32	1058.36	162.03	1327	0.00	0.00	0.00	0.00	1328	0.00	0.00	0.00	0.00	1329	0.00	0.00	0.00	0.00
1331	198.32	1059.33	162.05	1330	0.00	0.00	0.00	0.00	1331	0.00	0.00	0.00	0.00	1332	0.00	0.00	0.00	0.00
1334	198.32	1060.29	162.08	1333	0.00	0.00	0.00	0.00	1334	0.00	0.00	0.00	0.00	1335	0.00	0.00	0.00	0.00
1337	198.32	1061.26	162.11	1336	0.00	0.00	0.00	0.00	1337	0.00	0.00	0.00	0.00	1338	0.00	0.00	0.00	0.00
1340	198.32	1062.22	162.13	1339	0.00	0.00	0.00	0.00	1340	0.00	0.00	0.00	0.00	1341	0.00	0.00	0.00	0.00
1343	198.32	1063.19	162.16	1342	0.00	0.00	0.00	0.00	1343	0.00	0.00	0.00	0.00	1344	0.00	0.00	0.00	0.00
1346	198.32	1064.15	162.19	1345	0.00	0.00	0.00	0.00	1346	0.00	0.00	0.00	0.00	1347	0.00	0.00	0.00	0.00
1349	198.32	1064.25	162.19	1348	0.00	0.00	0.00	0.00	1349	0.00	0.00	0.00	0.00	1350	0.00	0.00	0.00	0.00
1352	198.32	1064.50	162.19	1351	0.00	0.00	0.00	0.00	1352	0.00	0.00	0.00	0.00	1353	0.00	0.00	0.00	0.00
1355	198.32	1064.75	162.20	1354	0.00	0.00	0.00	0.00	1355	0.00	0.00	0.00	0.00	1356	0.00	0.00	0.00	0.00
1358	198.32	1064.85	162.20	1357	0.00	0.00	0.00	0.00	1358	0.00	0.00	0.00	0.00	1359	0.00	0.00	0.00	0.00
1361	198.32	1065.85	162.23	1360	0.00	0.00	0.00	0.00	1361	0.00	0.00	0.00	0.00	1362	0.00	0.00	0.00	0.00
1364	198.32	1066.85	162.26	1363	0.00	0.00	0.00	0.00	1364	0.00	0.00	0.00	0.00	1365	0.00	0.00	0.00	0.00
1367	198.32	1067.85	162.28	1366	0.00	0.00	0.00	0.00	1367	0.00	0.00	0.00	0.00	1368	0.00	0.00	0.00	0.00
1370	198.32	1068.85	162.31	1369	0.00	0.00	0.00	0.00	1370	0.00	0.00	0.00	0.00	1371	0.00	0.00	0.00	0.00
1373	198.32	1069.85	162.34	1372	0.00	0.00	0.00	0.00	1373	0.00	0.00	0.00	0.00	1374	0.00	0.00	0.00	0.00
1376	198.32	1070.85	162.36	1375	0.00	0.00	0.00	0.00	1376	0.00	0.00	0.00	0.00	1377	0.00	0.00	0.00	0.00
1379	198.32	1071.85	162.39	1378	0.00	0.00	0.00	0.00	1379	0.00	0.00	0.00	0.00	1380	0.00	0.00	0.00	0.00
1382	198.32	1072.85	162.42	1381	0.00	0.00	0.00	0.00	1382	0.00	0.00	0.00	0.00	1383	0.00	0.00	0.00	0.00
1385	198.32	1073.85	162.44	1384	0.00	0.00	0.00	0.00	1385	0.00	0.00	0.00	0.00	1386	0.00	0.00	0.00	0.00
1388	198.32	1074.85	162.47	1387	0.00	0.00	0.00	0.00	1388	0.00	0.00	0.00	0.00	1389	0.00	0.00	0.00	0.00
1391	198.32	1077.07	162.53	1390	0.00	0.00	0.00	0.00	1391	0.00	0.00	0.00	0.00	1392	0.00	0.00	0.00	0.00
1394	198.32	1079.28	162.59	1393	0.00	0.00	0.00	0.00	1394	0.00	0.00	0.00	0.00	1395	0.00	0.00	0.00	0.00
1397	198.32	1081.50	162.64	1396	0.00	0.00	0.00	0.00	1397	0.00	0.00	0.00	0.00	1398	0.00	0.00	0.00	0.00
1400	198.32	1083.71	162.70	1399	0.00	0.00	0.00	0.00	1400	0.00	0.00	0.00	0.00	1401	0.00	0.00	0.00	0.00
1403	198.32	1085.93	162.76	1402	0.00	0.00	0.00	0.00	1403	0.00	0.00	0.00	0.00	1404	0.00	0.00	0.00	0.00

yster Creek Drywell with Sand - Unit Load Case No. 6 (Flooded hydrostatic pressure)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SYZ (psi)
1406	198.32	1088.14	162.81	1405	0.00	0.00	0.00	0.00	1406	0.00	0.00	0.00	0.00	1407	0.00	0.00	0.00	0.00
1409	198.32	1090.36	162.87	1408	0.00	0.00	0.00	0.00	1409	0.00	0.00	0.00	0.00	1410	0.00	0.00	0.00	0.00
1412	198.32	1092.57	162.92	1411	0.00	0.00	0.00	0.00	1412	0.00	0.00	0.00	0.00	1413	0.00	0.00	0.00	0.00
1415	198.32	1094.79	162.98	1414	0.00	0.00	0.00	0.00	1415	0.00	0.00	0.00	0.00	1416	0.00	0.00	0.00	0.00
1418	198.32	1097.00	163.03	1417	0.00	0.00	0.00	0.00	1418	0.00	0.00	0.00	0.00	1419	0.00	0.00	0.00	0.00
1421	198.32	1098.00	163.06	1420	0.00	0.00	0.00	0.00	1421	0.00	0.00	0.00	0.00	1422	0.00	0.00	0.00	0.00
1424	198.32	1099.00	163.08	1423	0.00	0.00	0.00	0.00	1424	0.00	0.00	0.00	0.00	1425	0.00	0.00	0.00	0.00
1427	198.32	1100.00	163.11	1426	0.00	0.00	0.00	0.00	1427	0.00	0.00	0.00	0.00	1428	0.00	0.00	0.00	0.00
1430	198.32	1101.00	163.13	1429	0.00	0.00	0.00	0.00	1430	0.00	0.00	0.00	0.00	1431	0.00	0.00	0.00	0.00
1433	198.32	1102.00	163.15	1432	0.00	0.00	0.00	0.00	1433	0.00	0.00	0.00	0.00	1434	0.00	0.00	0.00	0.00
1436	198.32	1103.00	163.18	1435	0.00	0.00	0.00	0.00	1436	0.00	0.00	0.00	0.00	1437	0.00	0.00	0.00	0.00
1439	198.32	1104.00	163.20	1438	0.00	0.00	0.00	0.00	1439	0.00	0.00	0.00	0.00	1440	0.00	0.00	0.00	0.00
1442	198.32	1105.00	163.23	1441	0.00	0.00	0.00	0.00	1442	0.00	0.00	0.00	0.00	1443	0.00	0.00	0.00	0.00
1445	198.32	1106.00	163.25	1444	0.00	0.00	0.00	0.00	1445	0.00	0.00	0.00	0.00	1446	0.00	0.00	0.00	0.00
1448	198.32	1107.00	163.28	1447	0.00	0.00	0.00	0.00	1448	0.00	0.00	0.00	0.00	1449	0.00	0.00	0.00	0.00
1451	198.47	1108.25	163.29	1450	0.00	0.00	0.00	0.00	1451	0.00	0.00	0.00	0.00	1452	0.00	0.00	0.00	0.00
1454	198.63	1109.50	163.31	1453	0.00	0.00	0.00	0.00	1454	0.00	0.00	0.00	0.00	1455	0.00	0.00	0.00	0.00
					1	1	1	1		2	5	131	2		3	3	135	3
					-9593.50	-35950.15	-13731.96	792.73		-3331.18	-7917.38	11261.90	687.49		2925.76	20053.99	10974.38	570.50

ster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
2	675.44	2209.77	868.69	-41.06	730.77	-1.	384.21	898.88	386.46	-32.66	735.08	-1.17	93.24	-394.42	-90.62	-23.73	739.31	-0.63
5	-188.12	1975.02	548.62	-32.21	721.93	-1.45	-98.80	896.61	245.36	-29.32	728.10	-1.51	-9.55	-193.90	-61.82	-25.97	734.25	-1.04
8	55.70	1561.02	481.25	-24.88	709.61	-1.89	26.44	884.70	258.03	-23.70	720.79	-1.83	-2.53	204.29	33.40	-22.28	732.01	-1.46
11	-9.52	1221.54	324.58	-20.05	699.77	-1.86	-5.35	872.68	206.92	-18.63	713.56	-1.74	-1.10	527.36	90.19	-17.07	727.38	-1.43
14	5.74	962.51	206.51	-14.27	691.25	-1.93	1.16	863.89	160.28	-14.16	706.09	-1.72	-3.37	761.39	112.83	-13.98	720.96	-1.43
17	1.97	774.56	100.76	-10.63	683.72	-1.96	0.32	850.97	108.11	-10.34	698.41	-1.69	-1.32	930.33	116.35	-10.09	713.13	-1.42
20	1.52	641.31	13.84	-6.82	676.76	-1.99	-0.41	840.30	58.92	-7.21	690.51	-1.66	-2.36	1037.80	103.59	-7.63	704.28	-1.39
23	1.68	555.97	-53.91	-4.44	670.11	-2.00	0.29	827.14	14.53	-4.71	682.42	-1.64	-1.15	1100.34	83.62	-5.03	694.74	-1.36
26	0.81	505.01	-105.08	-2.22	663.60	-2.01	-0.30	815.01	-23.11	-2.78	674.19	-1.61	-1.47	1124.77	58.86	-3.42	684.80	-1.31
29	1.01	481.77	-140.04	-0.91	657.11	-2.00	0.17	801.59	-53.15	-1.36	665.88	-1.59	-0.74	1122.82	34.23	-1.90	674.68	-1.28
32	0.52	476.91	-161.81	0.17	650.56	-1.99	-0.09	788.67	-75.43	-0.37	657.56	-1.56	-0.77	1100.68	11.09	-0.99	664.57	-1.24
35	0.64	485.32	-171.77	0.72	643.93	-1.97	0.18	775.18	-90.19	0.29	649.27	-1.54	-0.34	1066.03	-8.25	-0.23	654.61	-1.21
38	0.43	501.27	-172.44	1.11	637.24	-1.94	0.10	762.03	-98.02	0.68	641.07	-1.52	-0.29	1023.17	-23.43	0.17	644.90	-1.18
41	0.50	521.64	-165.35	1.20	630.48	-1.91	0.26	748.74	-99.67	0.87	633.00	-1.49	-0.05	976.51	-33.74	0.48	635.52	-1.16
44	0.45	543.53	-152.35	1.23	623.70	-1.88	0.25	735.76	-96.00	0.94	625.11	-1.48	0.01	928.36	-39.48	0.59	626.52	-1.14
47	0.52	565.60	-134.67	1.14	616.92	-1.85	0.34	722.92	-87.86	0.93	617.42	-1.46	0.11	880.64	-40.97	0.68	617.92	-1.13
50	0.56	586.99	-113.48	1.06	610.18	-1.81	0.38	710.38	-76.14	0.90	609.96	-1.44	0.16	834.06	-38.68	0.70	609.73	-1.11
53	0.61	607.67	-89.67	0.94	603.51	-1.77	0.40	698.15	-61.67	0.87	602.74	-1.42	0.16	788.77	-33.60	0.76	601.98	-1.11
56	0.72	628.17	-63.86	0.91	596.91	-1.74	0.48	686.19	-45.25	0.87	595.79	-1.41	0.22	744.45	-26.55	0.82	594.66	-1.10
59	0.77	649.13	-36.71	0.87	590.41	-1.70	0.44	674.68	-27.68	0.94	589.09	-1.39	0.11	700.10	-18.67	0.99	587.77	-1.09
62	0.85	672.14	-8.51	0.98	584.00	-1.67	0.55	663.33	-9.74	1.06	582.65	-1.39	0.26	654.75	-10.90	1.15	581.31	-1.10
65	0.80	696.25	19.84	0.94	577.60	-1.64	0.51	652.31	7.93	1.13	576.40	-1.38	0.24	607.94	-4.12	1.33	575.20	-1.10
68	1.08	720.88	47.18	0.96	571.27	-1.60	0.78	641.10	24.20	1.14	570.40	-1.37	0.49	561.53	1.29	1.34	569.52	-1.10
71	0.82	745.46	72.20	0.83	565.00	-1.57	0.49	630.70	38.25	1.19	564.62	-1.35	0.19	514.95	3.97	1.59	564.24	-1.09
74	1.35	771.75	94.98	0.98	558.76	-1.54	1.00	619.82	49.24	1.27	559.05	-1.34	0.69	468.57	3.66	1.60	559.33	-1.09
77	0.71	797.89	113.49	0.75	552.53	-1.50	0.39	610.21	56.24	1.33	553.85	-1.33	0.12	420.65	-1.61	1.96	554.77	-1.08
80	1.64	825.57	128.16	0.97	546.29	-1.52	1.36	599.25	58.42	1.33	548.39	-1.35	1.14	374.49	-10.94	1.74	550.51	-1.08
83	0.44	849.38	135.43	0.35	539.93	-1.30	0.22	590.50	54.83	1.19	543.25	-1.21	0.06	328.13	-26.88	2.12	546.54	-1.02
86	1.53	871.44	136.36	0.57	533.75	-2.09	1.66	578.77	44.52	0.88	538.10	-1.72	1.87	289.52	-46.37	1.26	542.61	-1.23
89	1.57	880.50	125.84	-0.90	526.37	1.18	0.99	571.10	27.48	0.27	533.19	0.42	0.49	255.46	-72.86	1.54	539.46	-0.20
92	-5.49	880.08	102.59	-0.71	523.42	-11.97	-2.43	557.68	0.07	-0.68	527.35	-8.38	0.70	241.71	-100.61	-0.57	533.42	-4.69
95	12.82	728.54	33.51	47.86	525.59	65.41	12.23	536.03	-32.54	-4.37	514.39	27.79	31.75	367.74	-85.15	-48.92	519.50	-5.55
98	3.80	302.22	-100.47	54.18	349.21	161.13	-18.03	418.46	-83.39	9.32	393.29	79.38	-18.58	474.32	-77.63	-80.80	416.66	-20.23
101	3.52	58.16	-178.51	0.13	252.59	40.48	-6.06	345.74	-108.45	16.08	325.88	32.89	-22.31	558.39	-62.57	-36.99	348.75	-4.07
104	0.32	34.73	-223.94	-0.75	294.13	-8.04	1.36	325.19	-148.30	-1.16	311.52	-5.86	2.29	615.41	-72.64	-1.65	327.03	-3.82
107	0.13	31.78	-257.59	-0.25	296.54	0.47	-0.28	320.18	-181.59	-0.38	306.88	0.44	-0.79	610.76	-104.84	-0.58	317.74	0.29

ster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SX (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
110	-0.26	34.42	-285.09	0.46	292.77	-1.37	-0.16	316.16	-209.56	0.21	302.83	-0.81	-0.16	596.25	-133.84	-0.13	312.80	-0.38
113	-0.05	43.02	-306.19	0.77	290.07	-0.99	-0.01	311.37	-233.41	0.65	298.50	-0.55	-0.06	581.14	-160.10	0.45	306.98	-0.24
116	-0.28	54.95	-322.23	1.09	286.96	-1.08	-0.15	307.01	-253.10	0.97	294.14	-0.60	-0.11	559.77	-183.67	0.77	301.35	-0.23
119	-0.23	69.71	-333.41	1.22	283.75	-1.07	-0.05	302.39	-268.97	1.17	289.73	-0.59	0.05	536.09	-204.15	1.05	295.74	-0.21
122	-0.23	85.87	-340.56	1.30	280.40	-1.07	-0.09	297.95	-281.33	1.29	285.31	-0.58	-0.02	510.70	-221.81	1.21	290.23	-0.19
125	-0.56	102.84	-344.29	1.30	276.97	-1.11	-0.12	293.42	-290.53	1.34	280.88	-0.62	0.25	484.81	-236.46	1.31	284.81	-0.22
128	0.70	119.93	-344.58	1.24	273.29	-0.91	0.19	289.02	-296.77	1.33	276.48	-0.42	-0.37	458.74	-248.71	1.35	279.68	-0.01
131	-1.63	146.55	-340.80	1.33	269.88	-1.76	-0.74	284.58	-301.13	1.26	272.11	-1.29	0.10	423.05	-261.27	1.16	274.34	-0.88
134	-0.86	177.86	-330.70	0.12	260.46	-2.01	-0.71	273.38	-302.74	0.03	261.53	-1.55	-0.61	370.45	-274.64	-0.10	262.60	-1.14
137	-0.94	205.99	-312.96	-0.39	251.19	-1.99	-0.28	264.01	-295.53	-0.29	251.41	-1.56	0.36	322.25	-278.00	-0.21	251.63	-1.15
140	-0.65	225.12	-292.86	-0.84	242.08	-1.85	-0.16	254.56	-283.65	-0.60	241.82	-1.45	0.31	284.13	-274.39	-0.38	241.55	-1.05
143	-0.49	235.80	-273.16	-1.19	233.25	-1.76	-0.04	245.65	-269.67	-0.87	232.79	-1.38	0.41	255.53	-266.16	-0.56	232.32	-1.01
146	-0.34	239.56	-255.22	-1.44	224.80	-1.68	0.03	237.24	-255.39	-1.08	224.30	-1.32	0.40	234.92	-255.56	-0.71	223.80	-0.97
149	-0.24	238.12	-239.68	-1.59	216.75	-1.61	0.06	229.31	-241.88	-1.21	216.32	-1.27	0.37	220.46	-244.10	-0.83	215.89	-0.94
152	-0.15	233.18	-226.62	-1.66	209.13	-1.53	0.08	221.82	-229.70	-1.29	208.82	-1.22	0.31	210.42	-232.80	-0.91	208.50	-0.90
155	-0.14	226.14	-215.83	-1.67	201.94	-1.50	0.08	214.74	-219.02	-1.31	201.75	-1.21	0.31	203.30	-222.24	-0.96	201.55	-0.91
158	-0.11	217.46	-207.11	-1.63	195.15	-1.33	0.06	208.04	-209.82	-1.31	195.07	-1.06	0.24	198.58	-212.55	-0.98	194.98	-0.77
161	-0.06	209.59	-200.88	-1.41	189.63	-1.25	0.03	202.58	-202.95	-1.11	189.63	-0.98	0.12	195.54	-205.03	-0.81	189.63	-0.71
164	-0.11	202.58	-195.21	-1.36	184.38	-1.18	0.03	197.35	-196.78	-1.08	184.43	-0.93	0.17	192.09	-198.35	-0.80	184.48	-0.67
167	-0.09	195.94	-190.08	-1.31	179.36	-1.15	0.02	192.33	-191.19	-1.05	179.45	-0.91	0.14	188.72	-192.31	-0.79	179.54	-0.66
170	-0.10	189.75	-185.35	-1.25	174.56	-1.12	0.02	187.53	-186.06	-1.01	174.67	-0.88	0.13	185.30	-186.78	-0.76	174.78	-0.65
173	-0.10	184.09	-180.88	-1.20	169.97	-1.09	0.01	182.92	-181.29	-0.97	170.09	-0.86	0.12	181.74	-181.69	-0.74	170.21	-0.63
176	-0.10	178.98	-176.57	-1.15	165.56	-1.06	0.01	178.49	-176.78	-0.93	165.69	-0.84	0.11	178.00	-176.99	-0.71	165.82	-0.62
179	-0.10	174.44	-172.37	-1.10	161.33	-1.03	0.01	174.24	-172.49	-0.89	161.46	-0.82	0.11	174.04	-172.61	-0.68	161.59	-0.61
182	-0.09	170.45	-168.23	-1.05	157.26	-1.00	0.01	170.15	-168.38	-0.85	157.39	-0.80	0.11	169.85	-168.53	-0.65	157.52	-0.59
185	-0.09	167.01	-164.16	-1.01	153.35	-0.97	0.01	166.22	-164.46	-0.81	153.48	-0.78	0.11	165.43	-164.75	-0.61	153.61	-0.58
188	-0.08	164.11	-160.18	-0.97	149.58	-0.95	0.01	162.45	-160.74	-0.78	149.72	-0.76	0.11	160.78	-161.31	-0.58	149.86	-0.57
191	-0.08	161.71	-156.35	-0.94	145.93	-0.92	0.02	158.81	-157.29	-0.74	146.09	-0.74	0.11	155.90	-158.24	-0.55	146.25	-0.56
194	-0.07	159.76	-152.75	-0.91	142.41	-0.90	0.02	155.31	-154.17	-0.71	142.60	-0.72	0.12	150.85	-155.60	-0.51	142.79	-0.54
197	-0.07	158.16	-149.51	-0.88	139.00	-0.87	0.03	151.94	-151.49	-0.69	139.23	-0.70	0.13	145.70	-153.47	-0.48	139.46	-0.53
200	-0.07	156.73	-146.80	-0.87	135.69	-0.85	0.04	148.69	-149.35	-0.67	135.97	-0.69	0.15	140.63	-151.91	-0.46	136.25	-0.52
203	-0.07	155.21	-144.80	-0.87	132.46	-0.83	0.04	145.55	-147.87	-0.67	132.81	-0.67	0.17	135.86	-150.96	-0.46	133.16	-0.51
206	-0.08	153.22	-143.73	-0.89	129.32	-0.81	0.05	142.52	-147.15	-0.69	129.74	-0.65	0.19	131.78	-150.59	-0.48	130.17	-0.49
209	-0.11	150.23	-[illegible]92	-0.94	126.25	-0.79	0.05	139.58	-147.27	-0.73	126.75	-0.64	0.22	128.88	-150.73	-0.53	127.26	-0.48
212	-0.13	145.5	-[illegible].26	-1.00	123.25	-0.78	0.05	136.72	-148.20	-0.82	123.83	-0.63	0.23	127.83	-151.16	-0.63	124.40	-0.47
215	-0.22	138.[illegible]	-[illegible].21	-1.10	120.33	-0.75	0.03	133.95	-149.84	-0.94	120.95	-0.60	0.29	129.44	-151.47	-0.77	121.58	-0.45

ater Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
218	-0.17	127.89	-152.57	-1.22	117.52	-0.80	-0.01	131.24	-151.88	-1.11	118.13	-0.65	0.16	134.62	-151.17	-0.99	118.74	-0.50
221	-0.40	114.41	-157.80	-1.42	114.76	-0.56	-0.04	128.67	-153.73	-1.32	115.34	-0.41	0.32	142.83	-149.69	-1.22	115.93	-0.27
224	0.11	103.53	-161.20	-1.14	113.61	-0.45	0.05	127.46	-154.32	-1.08	114.11	-0.29	-0.02	151.64	-147.35	-1.02	114.62	-0.13
227	-0.25	93.94	-164.19	-1.28	112.47	-0.32	-0.05	126.44	-154.61	-1.20	112.90	-0.20	0.15	158.77	-145.06	-1.12	113.30	-0.08
230	-0.18	83.49	-166.91	-1.31	111.61	-0.72	-0.01	125.13	-154.53	-1.32	111.65	-0.44	0.14	167.42	-141.94	-1.34	111.83	-0.18
233	0.30	71.32	-169.50	-1.53	109.45	1.17	0.36	124.33	-153.66	-1.45	110.63	0.84	0.39	176.84	-137.95	-1.37	111.26	0.48
236	1.33	68.14	-168.57	-5.78	101.52	-10.78	-2.30	127.30	-151.86	-3.59	110.75	-6.17	-5.32	167.60	-140.62	6.33	112.78	0.52
239	1.79	141.16	-145.61	-18.68	125.58	-34.86	-2.58	148.43	-144.61	-1.83	130.43	-17.37	-2.64	144.88	-145.61	15.86	132.05	1.21
242	4.57	253.58	-109.86	-14.93	165.98	-17.14	4.39	179.17	-132.16	-0.68	161.11	-8.56	7.25	117.37	-149.83	9.06	159.76	-0.46
245	-2.01	274.92	-104.04	-2.61	163.64	2.12	-0.58	181.47	-131.39	-1.95	161.68	1.22	0.86	92.40	-158.06	-1.28	161.07	0.34
248	0.11	258.33	-107.67	-1.78	160.65	-0.81	-0.27	182.49	-130.67	-1.82	161.37	-0.49	-0.63	103.77	-154.55	-1.85	161.76	-0.14
251	0.16	245.50	-111.34	-1.98	160.18	-0.21	0.28	180.68	-130.95	-1.65	160.55	-0.19	0.41	117.08	-150.21	-1.38	160.99	-0.14
254	-0.15	232.35	-115.67	-1.66	159.27	-0.33	-0.17	180.40	-131.52	-1.55	159.85	-0.23	-0.17	127.64	-147.62	-1.43	160.41	-0.12
257	0.07	221.07	-119.66	-1.60	158.48	-0.30	0.09	179.36	-132.46	-1.42	159.13	-0.22	0.13	137.88	-145.22	-1.24	159.78	-0.12
260	-0.06	210.49	-123.83	-1.43	157.69	-0.31	-0.04	178.70	-133.70	-1.30	158.42	-0.22	-0.02	146.68	-143.65	-1.17	159.14	-0.12
263	0.01	201.12	-127.82	-1.32	156.92	-0.30	0.02	177.87	-135.15	-1.18	157.70	-0.21	0.06	154.62	-142.49	-1.05	158.48	-0.11
266	.02	192.65	-131.74	-1.19	156.18	-0.31	-0.01	177.12	-136.77	-1.07	156.99	-0.22	0.01	161.52	-141.83	-0.95	157.80	-0.12
269	-0.09	185.12	-135.50	-1.08	155.40	-0.27	0.02	176.34	-138.50	-0.97	156.27	-0.17	0.11	167.55	-141.50	-0.85	157.14	-0.08
272	0.02	177.50	-139.31	-0.97	154.69	-0.50	0.01	175.58	-140.28	-0.87	155.56	-0.41	-0.01	173.64	-141.26	-0.77	156.43	-0.31
275	-0.09	166.73	-147.09	-1.12	152.79	-1.62	-0.01	173.39	-145.44	-1.05	153.50	-0.53	0.07	180.08	-143.79	-0.98	154.31	-0.43
278	0.08	156.96	-154.13	-0.90	150.69	-0.69	-0.05	171.25	-150.26	-0.86	151.44	-0.59	0.18	185.57	-146.35	-0.81	152.20	-0.50
281	-0.05	151.14	-159.39	-0.75	148.72	-0.67	-0.06	169.14	-154.29	-0.71	149.38	-0.57	-0.08	187.18	-149.18	-0.68	150.04	-0.47
284	-0.07	148.18	-162.76	-0.64	146.77	-0.66	-0.06	167.07	-157.34	-0.61	147.33	-0.56	-0.06	186.00	-151.90	-0.59	147.88	-0.47
287	-0.10	147.12	-164.55	-0.58	144.84	-0.65	-0.06	165.04	-159.36	-0.55	145.29	-0.55	-0.03	183.00	-154.15	-0.52	145.73	-0.46
290	-0.11	147.20	-165.03	-0.55	142.91	-0.65	-0.05	163.05	-160.41	-0.51	143.26	-0.55	0.00	178.94	-155.77	-0.48	143.62	-0.45
293	-0.11	147.86	-164.49	-0.54	141.00	-0.64	-0.04	161.11	-160.61	-0.49	141.27	-0.54	0.02	174.38	-156.71	-0.45	141.54	-0.44
296	-0.11	148.69	-163.21	-0.54	139.10	-0.63	-0.03	159.21	-160.12	-0.49	139.31	-0.53	0.04	169.75	-157.01	-0.44	139.51	-0.43
299	-0.11	149.42	-161.42	-0.55	137.23	-0.62	-0.02	157.35	-159.08	-0.49	137.38	-0.52	0.06	165.29	-156.73	-0.43	137.53	-0.43
302	-0.10	149.90	-159.32	-0.57	135.38	-0.61	-0.02	155.54	-157.65	-0.50	135.49	-0.51	0.07	161.19	-155.97	-0.43	135.60	-0.42
305	-0.09	150.04	-157.07	-0.58	133.56	-0.60	-0.01	153.77	-155.95	-0.51	133.64	-0.50	0.08	157.51	-154.84	-0.44	133.73	-0.41
308	-0.09	149.83	-154.76	-0.60	131.77	-0.59	0.00	152.04	-154.10	-0.52	131.84	-0.50	0.08	154.26	-153.43	-0.44	131.91	-0.41
311	-0.08	149.29	-152.49	-0.61	130.01	-0.58	0.00	150.36	-152.16	-0.53	130.07	-0.49	0.08	151.44	-151.84	-0.45	130.13	-0.40
314	-0.08	148.45	-150.30	-0.61	128.29	-0.57	0.00	148.72	-150.22	-0.53	128.35	-0.48	0.08	148.99	-150.13	-0.45	128.41	-0.40
317	-0.07	147.39	-148.22	-0.62	126.61	-0.56	0.00	147.12	-148.30	-0.54	126.67	-0.48	0.08	146.85	-148.38	-0.46	126.72	-0.39
320	-0.07	146.24	-146.27	-0.62	124.96	-0.55	0.01	145.56	-146.44	-0.54	125.02	-0.47	0.08	144.98	-146.62	-0.46	125.08	-0.39
323	-0.06	144.77	-144.44	-0.62	123.35	-0.55	0.01	144.04	-144.66	-0.54	123.41	-0.46	0.08	143.31	-144.88	-0.46	123.46	-0.38

ster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
326	-0.05	143.31	-142.73	-0.61	121.78	-0.54	0.01	142.55	-142.96	-0.54	121.84	-0.46	0.07	141.79	-143.19	-0.46	121.91	-0.38
329	-0.06	141.82	-141.13	-0.61	120.24	-0.53	0.01	141.11	-141.34	-0.53	120.31	-0.45	0.07	140.39	-141.56	-0.46	120.38	-0.37
332	-0.06	140.32	-139.61	-0.60	118.73	-0.52	0.01	139.69	-139.80	-0.53	118.81	-0.45	0.07	139.07	-139.99	-0.46	118.88	-0.37
335	-0.06	138.83	-138.18	-0.60	117.26	-0.52	0.01	138.32	-138.33	-0.53	117.34	-0.44	0.07	137.80	-138.49	-0.45	117.42	-0.36
338	-0.06	137.37	-136.81	-0.59	115.82	-0.51	0.01	136.97	-136.93	-0.52	115.90	-0.44	0.07	136.57	-137.05	-0.45	115.98	-0.36
341	-0.06	135.95	-135.50	-0.58	114.41	-0.50	0.00	135.66	-135.59	-0.51	114.50	-0.43	0.07	135.37	-135.67	-0.45	114.58	-0.36
344	-0.06	134.57	-134.23	-0.58	113.04	-0.50	0.00	134.38	-134.29	-0.51	113.12	-0.43	0.06	134.19	-134.35	-0.44	113.20	-0.35
347	-0.06	133.24	-133.01	-0.57	111.69	-0.49	0.00	133.13	-133.04	-0.50	111.77	-0.42	0.06	133.02	-133.08	-0.44	111.85	-0.35
350	-0.06	131.96	-131.81	-0.56	110.37	-0.49	0.00	131.91	-131.83	-0.50	110.45	-0.42	0.06	131.87	-131.84	-0.44	110.53	-0.34
353	-0.06	130.73	-130.65	-0.55	109.07	-0.48	0.00	130.73	-130.65	-0.49	109.15	-0.41	0.06	130.72	-130.65	-0.43	109.24	-0.34
356	-0.06	129.53	-129.52	-0.55	107.80	-0.47	0.00	129.57	-129.51	-0.49	107.89	-0.41	0.06	129.60	-129.50	-0.43	[illegible]	-0.34
359	-0.05	128.38	-128.41	-0.54	106.56	-0.47	0.00	128.44	-128.39	-0.48	106.64	-0.40	0.06	128.49	-128.37	-0.42	[illegible]	-0.33
362	-0.05	127.27	-127.32	-0.54	105.34	-0.46	0.00	127.33	-127.30	-0.48	105.43	-0.40	0.06	127.40	-127.28	-0.42	[illegible]	-0.33
365	-0.05	126.19	-126.26	-0.53	104.15	-0.46	0.00	126.26	-126.23	-0.47	104.23	-0.39	0.06	126.33	-126.21	-0.42	[illegible]	-0.33
368	-0.05	125.14	-125.22	-0.53	102.98	-0.45	0.00	125.21	-125.19	-0.47	103.06	-0.39	0.06	125.28	-125.17	-0.42	103.14	-0.32
371	-0.05	124.12	-124.20	-0.52	101.83	-0.45	0.00	124.18	-124.18	-0.47	101.92	-0.38	0.06	124.25	-124.15	-0.41	102.00	-0.32
374	-0.05	123.12	-123.21	-0.52	100.71	-0.44	0.00	123.19	-123.19	-0.46	100.79	-0.38	0.06	123.25	-123.16	-0.41	100.87	-0.32
377	-0.05	122.16	-122.24	-0.51	99.61	-0.44	0.00	122.21	-122.22	-0.46	99.69	-0.37	0.06	122.27	-122.20	-0.41	99.77	-0.31
380	-0.05	121.22	-121.29	-0.51	98.53	-0.43	0.00	121.27	-121.27	-0.46	98.61	-0.37	0.06	121.32	-121.25	-0.40	98.69	-0.31
383	-0.05	120.30	-120.37	-0.50	97.47	-0.43	0.00	120.34	-120.35	-0.45	97.55	-0.37	0.06	120.39	-120.33	-0.40	97.62	-0.31
386	-0.05	119.40	-119.47	-0.50	96.42	-0.42	0.00	119.44	-119.45	-0.45	96.50	-0.36	0.06	119.48	-119.43	-0.40	96.58	-0.30
389	-0.05	118.53	-118.59	-0.49	95.40	-0.42	0.00	118.56	-118.57	-0.45	95.48	-0.36	0.06	118.60	-118.55	-0.40	95.56	-0.30
392	-0.05	117.68	-117.73	-0.49	94.40	-0.41	0.00	117.71	-117.72	-0.44	94.48	-0.36	0.06	117.74	-117.70	-0.39	94.56	-0.30
395	-0.05	116.85	-116.90	-0.49	93.42	-0.41	0.00	116.88	-116.88	-0.44	93.50	-0.35	0.06	116.91	-116.86	-0.39	93.58	-0.30
398	-0.05	116.04	-116.09	-0.48	92.45	-0.40	0.00	116.06	-116.07	-0.44	92.53	-0.35	0.06	116.09	-116.05	-0.39	92.61	-0.29
401	-0.05	115.25	-115.30	-0.48	91.51	-0.40	0.06	115.28	-115.28	-0.43	91.59	-0.34	0.06	115.30	-115.26	-0.39	91.66	-0.29
404	-0.05	114.48	-114.53	-0.47	90.58	-0.39	0.00	114.51	-114.51	-0.43	90.66	-0.34	0.06	114.53	-114.49	-0.39	90.73	-0.29
407	-0.05	113.73	-113.78	-0.47	89.66	-0.39	0.00	113.76	-113.76	-0.43	89.74	-0.34	0.05	113.78	-113.74	-0.38	89.82	-0.28
410	-0.05	113.01	-113.05	-0.47	88.77	-0.39	0.00	113.03	-113.03	-0.42	88.85	-0.33	0.05	113.05	-113.01	-0.38	88.92	-0.28
413	-0.05	112.30	-112.34	-0.46	87.89	-0.38	0.00	112.32	-112.32	-0.42	87.96	-0.33	0.05	112.34	-112.31	-0.38	88.04	-0.28
416	-0.05	111.61	-111.66	-0.46	87.02	-0.38	0.00	111.63	-111.64	-0.42	87.10	-0.33	0.05	111.66	-111.62	-0.38	87.18	-0.28
419	-0.05	110.94	-110.99	-0.46	86.17	-0.38	0.00	110.96	-110.97	-0.42	86.25	-0.32	0.05	110.99	-110.95	-0.38	86.33	-0.27
422	-0.05	110.29	-110.34	-0.45	85.34	-0.37	0.00	110.31	-110.32	-0.41	85.41	-0.32	0.05	110.34	-110.29	-0.38	85.49	-0.27
425	-0.05	109.66	-109.71	-0.45	84.52	-0.37	0.00	109.68	-109.68	-0.41	84.59	-0.32	0.05	109.70	-109.66	-0.37	84.67	-0.27
428	-0.05	109.05	-109.09	-0.45	83.71	-0.36	0.00	109.07	-109.07	-0.41	83.79	-0.31	0.05	109.09	-109.05	-0.37	83.87	-0.27
431	-0.05	108.45	-108.50	-0.44	82.92	-0.36	0.00	108.47	-108.48	-0.41	82.99	-0.31	0.05	108.49	-108.45	-0.37	83.07	-0.26

yster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
434	-0.05	107.88	-107.92	-0.44	82.14	-0.36	0.00	107.90	-107.90	-0.41	82.21	-0.31	0.05	107.91	-107.87	-0.37	82.29	-0.26
437	-0.05	107.32	-107.36	-0.44	81.37	-0.35	0.00	107.34	-107.34	-0.40	81.45	-0.31	0.05	107.35	-107.31	-0.37	81.53	-0.26
440	-0.05	106.78	-106.82	-0.44	80.62	-0.35	0.00	106.79	-106.80	-0.40	80.69	-0.30	0.05	106.81	-106.77	-0.37	80.77	-0.26
443	-0.05	106.25	-106.29	-0.43	79.87	-0.35	0.00	106.27	-106.27	-0.40	79.95	-0.30	0.05	106.29	-106.24	-0.37	80.03	-0.25
446	-0.05	105.74	-105.79	-0.43	79.14	-0.34	0.00	105.76	-105.76	-0.40	79.22	-0.30	0.05	105.78	-105.74	-0.36	79.30	-0.25
449	-0.04	105.25	-105.30	-0.43	78.43	-0.34	0.00	105.27	-105.27	-0.40	78.50	-0.30	0.05	105.28	-105.24	-0.36	78.58	-0.25
452	-0.04	104.78	-104.82	-0.43	77.72	-0.34	0.00	104.79	-104.79	-0.39	77.80	-0.29	0.05	104.81	-104.77	-0.36	77.88	-0.25
455	-0.04	104.32	-104.36	-0.42	77.02	-0.33	0.00	104.33	-104.33	-0.39	77.[illegible]	-0.29	0.05	104.35	-104.31	-0.36	77.18	-0.24
458	-0.04	103.88	-103.92	-0.42	76.34	-0.33	0.00	103.89	-103.89	-0.39	76.42	-0.29	0.05	103.90	-103.86	-0.36	76.50	-0.24
461	-0.04	103.45	-103.49	-0.42	75.66	-0.33	0.00	103.46	-103.46	-0.39	75.74	-0.28	0.05	103.47	-103.44	-0.36	75.82	-0.24
464	-0.04	103.04	-103.08	-0.42	75.00	-0.33	0.00	103.05	-103.05	-0.39	75.08	-0.28	0.05	103.06	-103.03	-0.36	75.16	-0.24
467	-0.04	102.65	-102.69	-0.41	74.35	-0.32	0.00	102.66	-102.66	-0.39	74.43	-0.28	0.05	102.67	-102.63	-0.36	74.51	-0.24
470	-0.04	102.27	-102.31	-0.41	73.70	-0.32	0.00	102.28	-102.28	-0.38	73.78	-0.28	0.05	102.28	-102.25	-0.36	73.86	-0.23
473	-0.04	101.90	-101.94	-0.41	73.07	-0.32	0.00	101.91	-101.91	-0.38	73.15	-0.27	0.05	101.92	-101.88	-0.[illegible]	73.23	-0.23
476	-0.04	101.55	-101.59	-0.41	72.44	-0.31	0.00	101.55	-101.56	-0.38	72.52	-0.27	0.05	101.57	-101.53	-0.35	72.60	-0.23
479	-0.04	101.22	-101.26	-0.41	71.82	-0.31	0.00	101.23	-101.23	-0.38	71.90	-0.27	0.05	101.23	-101.20	-0.35	71.99	-0.23
482	-0.04	100.90	-100.94	-0.41	71.22	-0.31	0.00	100.91	-100.91	-0.38	71.30	-0.27	0.05	100.91	-100.86	-0.35	71.38	-0.23
485	-0.04	100.60	-100.64	-0.40	70.62	-0.31	0.00	100.60	-100.61	-0.38	70.70	-0.27	0.05	100.61	-100.58	-0.35	70.78	-0.22
488	-0.04	100.31	-100.35	-0.40	70.02	-0.30	0.00	100.31	-100.32	-0.38	70.10	-0.26	0.05	100.32	-100.29	-0.35	70.19	-0.22
491	-0.04	100.03	-100.08	-0.40	69.44	-0.30	0.00	100.04	-100.05	-0.38	69.52	-0.26	0.05	100.05	-100.01	-0.35	69.60	-0.22
494	-0.04	99.77	-99.82	-0.40	68.86	-0.30	0.00	99.78	-99.79	-0.37	68.94	-0.26	0.05	99.79	-99.75	-0.35	69.03	-0.22
497	-0.04	99.52	-99.58	-0.40	68.29	-0.30	0.00	99.53	-99.54	-0.37	68.38	-0.26	0.05	99.55	-99.50	-0.35	68.46	-0.22
500	-0.04	99.28	-99.35	-0.40	67.73	-0.29	0.00	99.30	-99.31	-0.37	67.81	-0.25	0.05	99.32	-99.27	-0.35	67.90	-0.21
503	-0.04	99.05	-99.14	-0.39	67.17	-0.29	0.00	99.08	-99.09	-0.37	67.26	-0.25	0.05	99.11	-99.05	-0.35	67.34	-0.21
506	-0.04	98.84	-98.94	-0.39	66.63	-0.29	0.00	98.88	-98.89	-0.37	66.71	-0.25	0.05	98.92	-98.84	-0.35	66.79	-0.21
509	-0.04	98.64	-98.75	-0.39	66.08	-0.29	0.00	98.69	-98.69	-0.37	66.17	-0.25	0.05	98.74	-98.64	-0.35	66.25	-0.21
512	-0.04	98.46	-98.57	-0.39	65.55	-0.29	0.00	98.52	-98.51	-0.37	65.63	-0.25	0.05	98.58	-98.46	-0.35	65.72	-0.21
515	-0.04	98.29	-98.40	-0.39	65.02	-0.28	0.00	98.36	-98.34	-0.37	65.10	-0.24	0.05	98.43	-98.29	-0.35	65.19	-0.21
518	-0.04	98.14	-98.25	-0.39	64.49	-0.28	0.00	98.21	-98.18	-0.37	64.58	-0.24	0.05	98.29	-98.[illegible]	-0.35	64.66	-0.20
521	-0.04	98.01	-98.10	-0.39	63.98	-0.28	0.00	98.08	-98.04	-0.37	64.06	-0.24	0.05	98.15	-97.97	-0.35	64.14	-0.20
524	-0.04	97.90	-97.96	-0.39	63.46	-0.28	0.00	97.97	-97.90	-0.37	63.55	-0.24	0.05	98.03	-97.84	-0.35	63.63	-0.20
527	-0.04	97.83	-97.82	-0.38	62.95	-0.28	0.00	97.86	-97.77	-0.37	63.04	-0.24	0.05	97.90	-97.71	-0.35	63.12	-0.20
530	-0.04	97.78	-97.69	-0.38	62.45	-0.27	0.00	97.78	-97.65	-0.37	62.54	-0.23	0.05	97.77	-97.61	-0.35	62.62	-0.20
533	-0.04	97.77	-97.57	-0.38	61.95	-0.27	0.00	97.70	-97.55	-0.36	62.04	-0.23	0.05	97.63	-97.53	-0.35	62.12	-0.19
536	-0.04	97.80	-97.46	-0.38	61.46	-0.27	0.00	97.64	-97.46	-0.36	61.54	-0.23	0.05	97.48	-97.47	-0.34	61.63	-0.19
539	-0.04	97.89	-97.36	-0.38	60.97	-0.27	0.00	97.60	-97.40	-0.36	61.05	-0.23	0.05	97.31	-97.44	-0.34	61.14	-0.19

er Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

ddle ode	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
542	-0.04	98.02	-97.28	-0.38	60.48	-0.27	0.00	97.57	-97.37	-0.36	60.57	-0.23	0.05	97.12	-97.46	-0.34	60.66	-0.19
545	-0.04	98.20	-97.23	-0.37	59.99	-0.26	0.01	97.55	-97.38	-0.36	60.09	-0.23	0.05	96.90	-97.52	-0.34	60.18	-0.19
548	-0.04	98.43	-97.23	-0.37	59.51	-0.26	0.01	97.55	-97.44	-0.36	59.61	-0.22	0.05	96.67	-97.65	-0.34	59.71	-0.19
551	-0.04	98.70	-97.28	-0.37	59.03	-0.26	0.01	97.57	-97.56	-0.36	59.13	-0.22	0.05	96.43	-97.84	-0.34	59.24	-0.18
554	-0.04	98.97	-97.41	-0.37	58.54	-0.26	0.01	97.60	-97.76	-0.36	58.66	-0.22	0.05	96.22	-98.11	-0.34	58.77	-0.18
557	-0.04	99.23	-97.64	-0.38	58.06	-0.26	0.01	97.64	-98.05	-0.36	58.18	-0.22	0.06	96.05	-98.47	-0.34	58.31	-0.18
560	-0.04	99.43	-98.01	-0.38	57.58	-0.25	0.01	97.70	-98.45	-0.36	57.71	-0.22	0.06	95.97	-98.90	-0.34	57.84	-0.18
563	-0.04	99.50	-98.53	-0.39	57.09	-0.25	0.01	97.78	-98.96	-0.37	57.24	-0.22	0.06	96.06	-99.40	-0.35	57.38	-0.18
566	-0.05	99.36	-99.23	-0.40	56.61	-0.25	0.01	97.87	-99.59	-0.38	56.76	-0.21	0.06	96.39	-99.95	-0.37	56.91	-0.17
569	-0.06	98.91	-100.13	-0.41	56.12	-0.27	0.01	97.99	-100.32	-0.40	56.28	-0.23	0.07	97.05	-100.50	-0.38	56.44	-0.19
572	-0.13	97.64	-101.37	-0.43	55.62	-0.18	0.01	98.11	-101.11	-0.42	55.80	-0.14	0.14	98.59	-100.85	-0.41	55.97	-0.10
575	0.02	96.40	-102.00	-0.19	55.45	-0.12	0.00	98.17	-101.40	-0.19	55.63	-0.08	-0.02	99.93	-100.80	-0.18	55.80	-0.05
578	-0.06	95.91	-102.46	-0.20	55.30	-0.11	0.00	98.21	-101.67	-0.20	55.46	-0.07	0.07	100.54	-100.88	-0.19	55.61	-0.03
581	-0.05	95.34	-102.90	-0.21	55.13	-0.11	-0.01	98.28	-101.93	-0.21	55.29	-0.07	0.04	101.20	-100.97	-0.20	55.44	-0.03
584	-0.04	94.71	-103.34	-0.21	54.97	-0.11	0.02	98.31	-102.17	-0.22	55.11	-0.07	0.07	101.98	-100.98	-0.22	55.26	-0.03
587	-0.08	93.94	-103.82	-0.24	54.80	-0.11	-0.03	98.41	-102.39	-0.23	54.94	-0.07	0.02	102.79	-100.99	-0.21	55.08	-0.03
590	0.01	93.21	-104.21	-0.22	54.64	-0.12	0.06	98.39	-102.58	-0.24	54.77	-0.07	0.11	103.82	-100.87	-0.26	54.90	-0.03
593	-0.15	92.11	-104.76	-0.29	54.47	-0.09	-0.10	98.63	-102.73	-0.25	54.60	-0.06	-0.05	104.68	-100.84	-0.21	54.72	-0.03
596	0.05	91.47	-105.02	-0.17	54.37	-0.20	0.11	98.33	-102.90	-0.26	54.41	-0.11	0.17	106.18	-100.47	-0.35	54.51	-0.02
599	0.17	89.71	-105.60	-0.43	53.86	0.32	0.18	99.06	-102.74	-0.27	54.32	0.17	0.19	106.75	-100.38	-0.11	54.51	0.01
602	-0.04	91.95	-105.02	-5.39	53.54	-4.46	-2.35	99.58	-103.38	-0.37	54.09	-1.43	-3.19	102.54	-102.70	5.04	54.36	1.61
605	1.20	109.01	-99.51	-5.00	57.65	-3.68	0.89	104.70	-100.86	-0.26	57.54	-1.09	1.96	101.47	-101.47	4.84	57.63	1.51
608	-0.34	113.32	-98.77	-0.47	57.30	0.22	-0.24	105.27	-101.10	-0.38	57.35	0.12	-0.14	97.79	-103.26	-0.31	57.40	0.03
611	-0.02	111.10	-99.63	-0.35	56.54	-0.27	0.00	105.66	-101.19	-0.37	57.10	-0.20	0.01	99.75	-102.89	-0.38	57.23	-0.12
614	0.03	109.65	-100.47	-0.39	56.67	-0.15	0.06	105.60	-101.60	-0.35	56.80	-0.12	0.10	101.86	-102.63	-0.30	56.95	-0.09
617	-0.08	108.18	-101.46	-0.32	56.36	-0.18	-0.05	105.87	-102.06	-0.33	56.52	-0.14	-0.01	103.34	-102.72	-0.34	56.68	-0.10
620	0.01	107.24	-102.30	-0.33	56.07	-0.17	0.04	105.93	-102.59	-0.31	56.23	-0.13	0.08	104.77	-102.84	-0.29	56.40	-0.09
623	-0.06	106.39	-103.19	-0.30	55.78	-0.17	-0.03	106.15	-103.16	-0.30	55.94	-0.13	0.01	105.80	-103.16	-0.30	56.11	-0.09
626	-0.02	105.89	-103.95	-0.30	55.48	-0.17	0.02	106.27	-103.74	-0.29	55.65	-0.13	0.06	106.73	-103.50	-0.27	55.82	-0.09
629	-0.05	105.52	-104.71	-0.27	55.19	-0.17	-0.01	106.48	-104.32	-0.28	55.36	-0.13	0.03	107.38	-103.94	-0.28	55.52	-0.09
632	-0.03	105.37	-105.36	-0.27	54.89	-0.17	0.01	106.64	-104.88	-0.27	55.06	-0.13	0.05	107.94	-104.38	-0.26	55.22	-0.09
635	-0.05	105.32	-105.98	-0.26	54.60	-0.17	-0.01	106.84	-105.42	-0.26	54.76	-0.13	0.03	108.34	-104.87	-0.26	54.92	-0.09
638	-0.04	105.42	-106.52	-0.26	54.30	-0.17	0.00	107.03	-105.94	-0.25	54.46	-0.13	0.05	108.66	-105.35	-0.25	54.61	-0.09
641	-0.05	105.59	-107.02	-0.25	54.00	-0.17	0.00	107.24	-106.42	-0.25	54.15	-0.13	0.04	108.88	-105.83	-0.25	54.30	-0.09
644	-0.04	105.85	-107.45	-0.25	53.70	-0.17	0.00	107.45	-106.88	-0.25	53.84	-0.13	0.05	109.06	-106.30	-0.25	53.99	-0.09
647	-0.05	106.15	-107.86	-0.24	53.40	-0.17	0.00	107.68	-107.30	-0.25	53.54	-0.13	0.04	109.20	-106.75	-0.25	53.67	-0.09

yster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
650	-0.05	106.50	-108.22	-0.24	53.09	-0.16	0.00	107.91	-107.70	-0.24	53.22	-0.12	0.05	109.32	-107.18	-0.25	53.36	-0.08
653	-0.05	106.87	-108.55	-0.24	52.78	-0.16	0.00	108.15	-108.07	-0.24	52.91	-0.12	0.05	109.43	-107.60	-0.25	53.04	-0.08
656	-0.05	107.25	-108.86	-0.24	52.47	-0.16	0.00	108.40	-106.42	-0.25	52.60	-0.12	0.05	109.54	-107.99	-0.25	52.72	-0.08
659	-0.05	107.64	-109.15	-0.24	52.16	-0.16	0.00	108.65	-108.75	-0.25	52.28	-0.12	0.05	109.66	-108.36	-0.25	52.40	-0.08
662	-0.04	108.04	-109.42	-0.25	51.84	-0.16	0.00	108.92	-109.07	-0.25	51.96	-0.12	0.05	109.80	-108.72	-0.25	52.08	-0.08
665	-0.05	108.43	-109.69	-0.25	51.53	-0.17	0.00	109.19	-109.37	-0.25	51.64	-0.13	0.05	109.95	-109.06	-0.25	51.76	-0.09
668	-0.10	108.47	-110.07	-0.25	51.12	-0.13	0.00	109.48	-109.67	-0.25	51.32	-0.09	0.10	110.48	-109.26	-0.25	51.52	-0.05
671	-0.14	108.72	-110.04	-0.01	51.10	-0.10	0.00	109.50	-109.69	-0.01	51.30	-0.06	0.14	110.28	-109.34	-0.02	51.50	-0.02
674	-0.05	109.65	-110.19	-0.31	50.79	-0.17	0.00	109.85	-110.04	-0.31	50.90	-0.13	0.05	110.06	-109.89	-0.31	51.02	-0.09
677	-0.05	110.11	-110.52	-0.31	50.39	-0.19	0.00	110.22	-110.40	-0.31	50.51	-0.15	0.05	110.33	-110.27	-0.31	50.62	-0.10
680	-0.05	110.57	-110.86	-0.31	49.99	-0.18	0.00	110.60	-110.76	-0.31	50.11	-0.14	0.05	110.64	-110.66	-0.31	50.22	-0.10
683	-0.05	111.02	-111.22	-0.31	49.59	-0.18	0.00	111.00	-111.13	-0.31	49.70	-0.14	0.05	110.98	-111.05	-0.32	49.82	-0.10
686	-0.05	111.47	-111.60	-0.31	49.18	-0.18	0.00	111.41	-111.52	0.32	49.30	-0.14	0.05	111.35	-111.45	-0.32	49.42	-0.10
689	-0.05	111.92	-111.99	-0.31	48.77	-0.18	0.00	111.83	-111.93	-0.32	48.89	-0.14	0.05	111.75	-111.86	-0.32	49.01	-0.10
692	-0.05	112.38	-112.41	-0.31	48.36	-0.18	0.00	112.27	-112.34	-0.32	48.48	-0.14	0.05	112.17	-112.28	-0.32	48.60	-0.09
695	-0.05	112.84	-112.84	-0.32	47.94	-0.18	0.00	112.72	-112.78	-0.32	48.06	-0.14	0.05	112.61	-112.72	-0.32	48.18	-0.09
698	-0.05	113.31	-113.30	-0.32	47.52	-0.18	0.00	113.19	-113.23	-0.32	47.64	-0.14	0.05	113.07	-113.17	-0.33	47.77	-0.09
701	-0.05	113.79	-113.77	-0.32	47.09	-0.18	0.00	113.67	-113.70	-0.32	47.22	-0.13	0.05	113.55	-113.63	-0.33	47.34	-0.09
704	-0.05	114.29	-114.26	-0.32	46.66	-0.18	0.00	114.17	-114.19	-0.32	46.79	-0.13	0.05	114.05	-114.12	-0.33	46.91	-0.09
707	-0.05	114.80	-114.77	-0.32	46.22	-0.18	0.00	114.68	-114.69	-0.33	46.35	-0.13	0.05	114.57	-114.62	-0.33	46.48	-0.09
710	-0.05	115.32	-115.29	-0.32	45.78	-0.18	0.00	115.21	-115.22	-0.33	45.91	-0.13	0.05	115.11	-115.14	-0.34	46.04	-0.08
713	-0.05	115.86	-115.84	-0.32	45.33	-0.18	0.00	115.76	-115.76	-0.33	45.47	-0.13	0.05	115.66	-115.68	-0.34	45.60	-0.08
716	-0.05	116.41	-116.41	-0.32	44.88	-0.17	0.00	116.32	-116.32	-0.33	45.01	-0.13	0.05	116.23	-116.24	-0.34	45.15	-0.08
719	-0.05	116.99	-116.99	-0.32	44.42	-0.17	0.00	116.90	-116.90	-0.33	44.56	-0.13	0.05	116.82	-116.81	-0.34	44.69	-0.08
722	-0.05	117.58	-117.59	-0.32	43.95	-0.17	0.00	117.50	-117.50	-0.33	44.09	-0.13	0.05	117.42	-117.41	-0.35	44.23	-0.08
725	-0.05	118.19	-118.21	-0.32	43.48	-0.17	0.00	118.11	-118.11	-0.34	43.62	-0.12	0.05	118.04	-118.02	-0.35	43.76	-0.08
728	-0.05	118.82	-118.85	-0.33	43.00	-0.17	0.00	118.75	-118.75	-0.34	43.14	-0.12	0.05	118.68	-118.65	-0.35	43.29	-0.07
731	-0.05	119.46	-119.51	-0.33	42.52	-0.17	0.00	119.40	-119.40	-0.34	42.66	-0.12	0.05	119.33	-119.30	-0.35	42.80	-0.07
734	-0.05	120.13	-120.18	-0.33	42.02	-0.17	0.00	120.07	-120.08	-0.34	42.17	-0.12	0.05	120.01	-119.97	-0.36	42.31	-0.07
737	-0.05	120.81	-120.88	-0.33	41.52	-0.17	0.00	120.75	-120.77	-0.34	41.66	-0.12	0.05	120.71	-120.66	-0.36	41.81	-0.07
740	-0.05	121.52	-121.60	-0.33	41.01	-0.17	0.00	121.47	-121.48	-0.35	41.16	-0.12	0.05	121.42	-121.37	-0.36	41.30	-0.07
743	-0.05	122.24	-122.33	-0.33	40.49	-0.17	0.00	122.20	-122.21	-0.35	40.64	-0.12	0.05	122.16	-122.09	-0.36	40.79	-0.06
746	-0.05	122.99	-123.09	-0.33	39.96	-0.17	0.00	122.95	-122.97	-0.35	40.11	-0.11	0.05	122.92	-122.84	-0.37	40.26	-0.06
749	-0.05	123.75	-123.87	-0.33	39.42	-0.17	0.00	123.73	-123.74	-0.35	39.57	-0.11	0.06	123.71	-123.61	-0.37	39.73	-0.06
752	-0.05	124.54	-124.67	-0.33	38.87	-0.17	0.00	124.52	-124.53	-0.35	39.03	-0.11	0.06	124.51	-124.40	-0.37	39.18	-0.06
755	-0.05	125.34	-125.49	-0.34	38.31	-0.16	0.00	125.34	-125.35	-0.36	38.47	-0.11	0.06	125.34	-125.20	-0.38	38.63	-0.05

ster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
758	-0.05	126.18	-126.33	-0.34	37.74	-0.16	0.00	126.18	-126.18	-0.36	37.90	-0.11	0.06	126.19	-126.03	-0.38	38.06	-0.05
761	-0.05	127.03	-127.19	-0.34	37.16	-0.16	0.00	127.05	-127.03	-0.36	37.32	-0.11	0.06	127.07	-126.88	-0.38	37.48	-0.05
764	-0.05	127.91	-128.07	-0.34	36.56	-0.16	0.00	127.94	-127.91	-0.36	36.73	-0.10	0.06	127.96	-127.75	-0.39	36.89	-0.05
767	-0.05	128.82	-128.97	-0.34	35.96	-0.16	0.00	128.85	-128.81	-0.37	36.12	-0.10	0.06	128.88	-128.65	-0.39	36.29	-0.04
770	-0.05	129.76	-129.89	-0.34	35.34	-0.16	0.00	129.79	-129.73	-0.37	35.51	-0.10	0.06	129.82	-129.56	-0.39	35.67	-0.04
773	-0.05	130.74	-130.83	-0.34	34.71	-0.16	0.00	130.76	-130.67	-0.37	34.88	-0.10	0.06	130.78	-130.51	-0.40	35.04	-0.04
776	-0.05	131.75	-131.79	-0.34	34.06	-0.16	0.00	131.75	-131.63	-0.37	34.23	-0.10	0.06	131.75	-131.47	-0.40	34.40	-0.04
779	-0.05	132.81	-132.77	-0.35	33.40	-0.16	0.00	132.77	-132.62	-0.38	33.57	-0.10	0.06	132.74	-132.47	-0.40	33.75	-0.03
782	-0.05	133.91	-133.78	-0.35	32.73	-0.16	0.00	133.82	-133.64	-0.38	32.90	-0.09	0.06	133.73	-133.50	-0.41	33.07	-0.03
785	-0.06	135.06	-134.80	-0.35	32.03	-0.16	0.00	134.90	-134.68	-0.38	32.21	-0.09	0.06	134.74	-134.56	-0.41	32.39	-0.03
788	-0.05	136.27	-135.85	-0.35	31.32	-0.15	0.00	136.01	-135.76	-0.38	31.51	-0.09	0.06	135.75	-135.67	-0.41	31.69	-0.02
791	-0.06	137.54	-136.93	-0.35	30.60	-0.15	0.00	137.15	-136.87	-0.38	30.78	-0.09	0.06	136.76	-136.81	-0.42	30.97	-0.02
794	-0.05	138.87	-138.05	-0.35	29.85	-0.15	0.00	138.32	-138.03	-0.38	30.04	-0.09	0.06	137.77	-138.01	-0.42	30.23	-0.02
797	-0.06	140.27	-139.20	-0.35	29.09	-0.15	0.00	139.53	-139.23	-0.39	29.28	-0.08	0.06	138.78	-139.27	-0.42	29.48	-0.01
800	-0.05	141.74	-140.39	-0.35	28.30	-0.15	0.00	140.76	-140.49	-0.39	28.51	-0.08	0.06	139.79	-140.59	-0.42	28.71	-0.01
803	-0.06	143.27	-141.65	-0.35	27.50	-0.15	0.00	142.04	-141.81	-0.39	27.71	-0.08	0.06	140.80	-141.98	-0.43	27.92	-0.01
806	-0.05	144.88	-142.97	-0.35	26.67	-0.15	0.01	143.35	-143.21	-0.39	26.88	-0.08	0.07	141.[illegible]	-143.46	-0.43	27.11	0.00
809	-0.06	146.52	-144.38	-0.36	25.81	-0.15	0.00	144.70	-144.70	-0.40	26.04	-0.07	0.07	142.86	-145.02	-0.43	26.28	0.00
812	-0.05	148.22	-145.88	-0.36	24.93	-0.15	0.01	146.08	-146.28	-0.40	25.18	-0.07	0.07	143.95	-146.68	-0.44	25.42	0.01
815	-0.06	149.93	-147.51	-0.37	24.02	-0.15	0.00	147.52	-147.98	-0.41	24.28	-0.07	0.07	145.08	-148.45	-0.44	24.55	0.01
818	-0.05	151.64	-149.27	-0.37	23.08	-0.15	0.01	148.98	-149.80	-0.41	23.36	-0.07	0.08	146.33	-150.31	-0.46	23.64	0.01
821	-0.07	153.28	-151.21	-0.38	22.11	-0.14	0.00	150.51	-151.[illegible]	-0.42	22.41	-0.06	0.07	147.69	-152.29	-0.46	22.71	0.02
824	-0.05	154.86	-153.31	-0.39	21.11	-0.14	0.02	152.05	-153.83	-0.44	21.43	-0.06	0.09	149.28	-154.35	-0.49	21.75	0.02
827	-0.09	156.24	-155.64	-0.41	20.07	-0.14	-0.01	153.69	-156.07	-0.45	20.41	-0.06	0.07	151.06	-156.51	-0.50	20.75	0.03
830	-0.05	157.45	-158.15	-0.41	19.00	-0.14	0.03	155.31	-158.43	-0.47	19.36	-0.05	0.11	153.25	-158.69	-0.53	19.72	0.03
833	-0.12	158.27	-160.94	-0.45	17.90	-0.14	-0.03	157.08	-160.92	-0.50	18.27	-0.05	0.06	155.75	-160.94	-0.55	18.65	0.04
836	-0.04	158.82	-163.88	-0.45	16.76	-0.14	0.05	158.77	-163.51	-0.53	17.15	-0.05	0.13	158.89	-163.09	-0.60	17.53	0.04
839	-0.17	158.71	-167.14	-0.51	15.60	-0.14	-0.06	160.70	-166.15	-0.56	15.98	-0.05	0.05	162.46	-165.22	-0.62	16.36	0.05
842	0.04	158.26	-170.40	-0.49	14.40	-0.14	0.07	162.45	-168.78	-0.60	14.77	-0.04	0.10	166.95	-167.07	-0.71	15.14	0.06
845	-0.28	157.62	-173.80	-0.52	13.18	-0.16	-0.08	164.39	-171.38	-0.65	13.51	-0.06	0.11	171.46	-168.88	-0.77	13.85	0.05
848	-0.26	155.66	-179.13	-0.88	11.09	-0.17	-0.01	167.76	-175.18	-1.04	11.34	-0.06	0.24	180.08	-171.15	-1.19	11.59	0.04
851	-0.31	149.67	-184.68	-0.95	8.95	-0.19	-0.18	171.38	-178.03	-1.13	9.04	-0.07	-0.05	192.94	-171.43	-1.29	9.13	0.04
854	-0.25	141.98	-188.75	-0.93	6.83	-0.20	-0.13	174.95	-178.99	-1.20	6.64	-0.08	-0.01	208.26	-169.13	-1.46	6.45	0.03
857	-0.42	133.05	-190.14	-0.95	4.77	-0.21	-0.35	178.92	-176.94	-1.24	4.17	-0.09	-0.30	224.59	-163.80	-1.51	3.57	0.02
860	-0.20	125.34	-186.66	-0.79	2.82	-0.22	-0.26	182.69	-170.62	-1.19	1.67	-0.10	-0.34	240.54	-154.42	1.58	0.52	0.01
863	-0.24	121.50	-176.51	-0.67	1.05	-0.24	-0.51	186.90	-158.31	-1.03	-0.78	-0.11	-0.79	252.01	-141.18	-1.38	-2.61	0.00

ster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
866	0.03	127.35	-156.95	-0.26	-0.52	-0.20	-0.37	190.67	-140.69	-0.69	-3.08	-0.09	-0.78	254.66	-124.22	-1.10	-5.65	0.00
869	1.07	149.08	-126.12	0.14	-1.92	-0.24	-0.19	194.90	-116.08	-0.09	-5.15	-0.12	-1.45	240.20	-106.19	-0.31	-8.38	-0.01
872	-1.38	196.57	-84.13	0.88	-3.33	0.11	-1.08	198.38	-87.24	0.80	-6.86	0.12	-0.78	200.91	-90.14	0.70	-10.42	0.15
875	2.33	219.26	-47.65	16.11	-2.99	0.06	0.98	188.20	-61.02	-0.48	-7.68	0.16	3.66	159.93	-72.42	-12.89	-12.38	1.05
878	4.91	97.20	-65.59	25.54	4.05	1.31	-2.02	85.02	-79.65	-2.59	-3.75	0.79	3.37	53.51	-96.01	-18.44	-11.25	3.95
881	-1.62	62.26	-59.65	9.88	8.11	1.27	-4.23	62.77	-73.51	-0.33	-3.11	0.33	-2.12	34.14	-94.90	-6.57	-13.91	2.44
884	0.21	74.95	-30.77	0.86	8.71	-0.31	0.17	58.85	-49.16	0.65	-3.98	-0.23	0.19	40.12	-68.34	0.29	-16.70	0.00
887	0.17	84.29	-3.42	0.59	8.44	-0.12	0.11	59.02	-24.71	0.84	-4.56	-0.07	0.12	34.36	-45.77	0.92	-17.66	0.15
890	-0.01	94.25	23.93	1.06	8.19	-0.08	-0.19	60.38	-0.07	1.23	-4.84	-0.11	-0.28	25.63	-24.45	1.22	-17.95	0.04
893	0.37	108.51	52.43	1.45	8.19	-0.02	0.07	60.81	24.26	1.83	-4.78	-0.13	-0.13	12.92	-4.12	1.02	-17.84	-0.03
896	-0.10	127.70	81.56	2.16	8.37	0.03	-0.41	61.28	47.95	2.64	-4.38	-0.17	-0.62	-5.91	13.95	1.90	-17.21	-0.12
899	1.92	154.17	112.59	3.00	8.70	0.03	1.22	61.05	71.30	3.67	-3.63	-0.24	0.65	-31.79	29.91	4.07	-16.01	-0.21
902	-2.98	188.00	142.12	7.15	8.71	0.32	-2.63	59.28	91.43	4.72	-2.58	-0.27	-2.19	-66.47	41.36	2.10	-13.82	-0.53
905	-4.57	219.60	184.14	10.68	9.66	0.74	-4.39	56.14	125.84	4.29	0.22	-0.20	-3.96	-100.81	69.24	-2.15	-9.12	-0.77
908	-4.72	229.47	214.59	8.49	10.97	0.90	-4.23	54.18	156.16	1.80	4.12	-0.07	-3.45	-113.64	99.73	-4.88	-2.65	-0.67
911	-3.92	212.07	228.71	6.19	13.09	1.06	-4.14	52.24	177.79	0.21	8.97	0.16	-4.12	-100.94	128.64	-5.74	4.89	-0.43
914	-2.80	179.31	228.65	4.15	16.17	1.24	-3.32	50.13	189.24	-0.56	14.51	0.43	-3.64	-73.58	151.28	-5.21	12.87	-0.15
917	-1.62	141.64	217.82	2.67	20.15	1.42	-2.41	48.02	190.57	-0.62	20.45	0.71	-3.08	-41.67	164.37	-3.85	20.76	0.16
920	-0.61	107.19	200.07	1.82	24.80	1.60	-1.49	45.87	183.32	-0.21	26.48	1.00	-2.32	-12.81	167.26	-2.18	28.16	0.48
923	0.07	80.89	178.81	1.55	29.76	1.77	-0.83	43.79	169.57	0.44	32.32	1.27	-1.71	8.24	160.75	-0.61	34.88	0.80
926	0.38	64.57	156.37	1.72	34.66	1.92	-0.39	41.72	151.34	1.10	37.74	1.50	-1.15	19.92	146.60	0.54	40.82	1.11
929	0.35	56.89	133.59	2.00	39.12	2.06	-0.27	39.82	130.03	1.58	42.53	1.73	-0.89	23.36	126.64	1.20	45.97	1.41
932	-0.04	54.18	109.92	2.16	42.96	2.02	-0.28	37.96	106.30	1.69	46.60	1.80	-0.49	22.57	102.92	1.27	50.25	1.60
935	0.05	50.19	83.93	1.60	45.59	2.56	-0.16	36.50	80.55	1.27	49.72	2.38	-0.35	23.11	77.25	0.98	53.78	2.20
938	-0.33	43.85	55.39	-0.73	45.46	0.64	-0.78	37.09	53.48	0.04	54.22	0.28	-1.29	22.47	49.13	1.59	53.49	0.95
941	-1.34	40.35	51.64	-7.86	43.35	-8.47	-2.83	39.61	51.26	-0.25	55.06	-1.39	-1.47	17.20	45.06	4.24	50.05	7.64
944	2.92	66.25	51.60	-16.88	71.48	-23.16	-1.82	52.99	46.43	2.42	78.99	0.60	1.14	27.42	39.65	10.77	76.64	25.62
947	4.50	171.11	75.70	-1' 19	199.93	-18.18	3.02	126.74	62.06	0.45	199.60	- 07	3.86	99.52	51.47	8.75	203.06	18.33
950	-1.46	183.05	73.93	-2.43	215.82	3.71	-0.90	137.50	60.55	-1.8'	214.86	0.03	-0.32	95.98	48.34	-1.31	218.33	-3.62
953	0.15	164.26	64.54	-1.52	214.55	-0.86	-0.20	138.07	56.69	-1.57	216.53	-0.02	-0.54	109.33	48.05	-1.62	217.43	0.82
956	0.33	150.63	55.90	-1.59	215.10	0.26	0.26	136.00	51.58	-1.30	216.47	0.00	0.19	122.77	47.68	-1.01	218.10	-0.26
959	-0.05	137.95	47.18	-1.16	215.24	-0.02	-0.18	135.45	46.48	-1.05	216.80	0.00	-0.30	132.21	45.56	-0.94	218.30	0.02
962	0.21	128.20	39.50	-1.04	215.49	0.05	0.10	134.08	41.31	-0.83	217.00	0.00	0.00	140.37	43.25	-0.63	218.53	-0.04
965	0.04	119.81	31.96	-0.79	215.72	0.03	-0.04	133.08	36.00	-0.63	217.21	0.01	-0.14	146.18	39.98	-0.47	218.70	-0.02
968	0.12	113.39	25.31	-0.63	215.96	0.03	0.04	131.87	30.90	-0.45	217.38	0.01	-0.05	150.44	36.53	-0.27	218.81	-0.02
971	0.06	108.49	19.37	-0.47	216.19	0.03	0.00	130.75	26.10	-0.30	217.54	0.01	-0.08	152.99	32.83	-0.13	218.89	-0.02

Oyster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
974	0.07	104.99	14.23	-0.35	216.40	0.02	0.02	129.59	21.66	-0.17	217.66	0.01	-0.04	154.22	29.11	0.00	218.93	-0.01
977	0.05	102.61	9.82	-0.24	216.60	0.02	0.01	128.44	17.62	-0.07	217.77	0.01	-0.04	154.28	25.43	0.11	218.94	-0.01
980	0.05	101.16	6.10	-0.16	216.78	0.02	0.02	127.29	13.99	0.01	217.85	0.01	-0.02	153.44	21.90	0.19	218.92	-0.01
983	0.04	100.43	3.02	-0.10	216.94	0.01	0.01	126.14	10.78	0.08	217.91	0.01	-0.02	151.85	18.56	0.26	218.89	0.00
986	0.02	100.28	0.52	-0.05	217.08	0.01	0.02	124.98	7.98	0.13	217.96	0.01	0.00	149.70	15.47	0.30	218.84	0.00
989	0.05	100.54	-1.45	-0.01	217.21	0.01	0.01	123.83	5.58	0.16	218.00	0.02	-0.05	147.11	12.62	0.34	218.79	0.01
992	0.02	101.69	-2.83	0.01	217.34	-0.01	0.03	122.68	3.53	0.19	218.02	0.00	0.03	143.67	9.89	0.36	218.71	-0.01
995	0.07	102.87	-5.00	0.03	217.49	-0.01	0.03	120.19	0.24	0.21	218.05	-0.01	-0.01	137.53	5.49	0.39	218.60	-0.01
998	-0.01	104.63	-5.71	0.02	217.60	-0.01	0.02	117.70	-1.73	0.20	218.03	0.00	0.04	130.77	2.25	0.38	218.47	0.00
1001	-0.01	106.05	-5.54	0.00	217.67	-0.01	0.02	115.20	-2.73	0.17	218.01	0.00	0.04	124.35	0.08	0.35	218.35	0.00
1004	-0.02	106.65	-4.86	-0.04	217.69	-0.01	0.01	112.70	-3.05	0.14	217.97	0.00	0.04	118.56	-1.23	0.32	218.26	0.00
1007	-0.02	106.94	-3.96	-0.07	217.70	0.00	0.01	110.21	-2.92	0.10	217.94	0.00	0.03	113.47	-1.88	0.28	218.18	0.00
1010	-0.02	106.35	-3.01	-0.10	217.68	0.00	0.00	107.71	-2.54	0.07	217.91	0.00	0.03	109.08	-2.07	0.25	218.13	0.00
1013	-0.02	105.15	-2.13	-0.13	217.67	0.00	0.00	105.22	-2.05	0.05	217.88	0.00	0.02	105.30	-1.97	0.22	218.10	0.00
1016	-0.02	103.45	-1.39	-0.15	217.64	0.00	0.00	102.73	-1.55	0.03	217.86	0.00	0.01	102.01	-1.71	0.20	218.08	0.00
1019	-0.01	101.38	-0.80	-0.16	217.62	0.00	0.00	100.24	-1.09	0.01	217.85	0.00	0.01	99.11	-1.38	0.19	218.07	0.00
1022	-0.01	99.03	-0.37	-0.17	217.60	0.00	0.00	97.75	-0.70	0.00	217.84	0.00	0.00	96.47	-1.04	0.18	218.07	0.00
1025	-0.01	96.51	-0.07	-0.18	217.59	0.00	0.00	95.26	-0.40	-0.01	217.83	0.00	0.00	94.01	-0.72	0.17	218.07	0.00
1028	0.00	93.89	0.12	-0.18	217.58	0.00	0.00	92.78	-0.17	-0.01	217.83	0.00	0.00	91.66	-0.46	0.17	218.08	0.00
1031	0.00	91.23	0.22	-0.18	217.57	0.00	0.00	90.29	-0.02	-0.01	217.83	0.00	0.00	89.35	-0.26	0.17	218.08	0.00
1034	0.00	88.55	0.25	-0.18	217.56	0.00	0.00	87.80	0.07	-0.01	217.83	0.00	0.00	87.05	-0.11	0.17	218.09	0.00
1037	0.00	85.89	0.25	-0.18	217.56	0.00	0.00	85.31	0.12	-0.01	217.83	0.00	0.00	84.73	-0.01	0.17	218.09	0.00
1040	0.00	83.25	0.23	-0.18	217.56	0.00	0.00	82.82	0.14	-0.01	217.83	0.00	0.00	82.39	0.05	0.17	218.10	0.00
1043	0.00	80.65	0.19	-0.18	217.56	0.00	0.00	80.33	0.13	-0.01	217.83	0.00	0.00	80.02	0.08	0.17	218.10	0.00
1046	0.00	78.08	0.14	-0.18	217.56	0.00	0.00	77.85	0.11	0.00	217.83	0.00	0.00	77.62	0.08	0.17	218.11	0.00
1049	0.00	75.53	0.10	-0.18	217.56	0.00	0.00	75.36	0.09	0.00	217.83	0.00	0.00	75.19	0.07	0.17	218.11	0.00
1052	0.00	73.00	0.06	-0.18	217.56	0.00	0.00	72.87	0.06	0.00	217.83	0.00	0.00	72.73	0.05	0.17	218.11	0.00
1055	0.00	70.49	0.03	-0.18	217.56	0.00	0.00	70.38	0.03	0.00	217.83	0.00	0.00	70.27	0.03	0.17	218.11	0.00
1058	0.00	67.99	-0.01	-0.18	217.56	0.00	0.00	67.89	0.00	0.00	217.83	0.00	0.00	67.79	0.00	0.18	218.11	0.00
1061	0.00	65.48	-0.04	-0.18	217.56	0.00	0.00	65.40	-0.03	0.00	217.83	0.00	0.00	65.32	-0.03	0.17	218.11	0.00
1064	0.00	62.97	-0.08	-0.18	217.56	0.00	0.00	62.92	-0.06	0.00	217.83	0.00	0.00	62.86	-0.05	0.17	218.11	0.00
1067	0.00	60.44	-0.11	-0.18	217.56	0.00	0.00	60.43	-0.09	0.00	217.83	0.00	0.00	60.41	-0.06	0.17	218.11	0.00
1070	0.00	57.89	-0.15	-0.18	217.56	0.00	0.00	57.94	-0.11	0.00	217.83	0.00	0.00	57.98	-0.06	0.17	218.10	0.00
1073	0.00	55.32	-0.18	-0.18	217.56	0.00	0.00	55.45	-0.11	-0.01	217.83	0.00	0.00	55.58	-0.05	0.17	218.10	0.00
1076	0.00	52.72	-0.21	-0.18	217.56	0.00	0.00	52.96	-0.11	-0.01	217.83	0.00	0.00	53.20	-0.01	0.17	218.10	0.00
1079	0.00	50.09	-0.21	-0.18	217.56	0.00	0.00	50.47	-0.08	-0.01	217.83	0.00	0.00	50.85	0.06	0.17	218.09	0.00

yster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1082	0.00	47.46	-0.19	-0.18	217.57	0.00	0.00	47.98	-0.01	-0.01	217.83	0.00	0.00	48.51	0.17	0.17	218.09	0.00
1085	0.00	45.12	-0.14	-0.18	217.57	0.00	0.00	45.79	0.09	-0.01	217.83	0.00	0.00	46.46	[illegible]	0.17	218.08	0.00
1088	0.00	42.81	-0.03	-0.18	217.58	0.00	0.00	43.59	0.22	-0.01	217.83	0.00	0.00	44.38	[illegible]	0.17	218.08	0.00
1091	0.00	40.54	0.13	-0.18	217.59	0.00	0.00	41.40	0.41	0.00	217.83	0.00	0.00	42.25	[illegible]	0.17	218.08	0.00
1094	0.00	38.35	0.37	-0.17	217.60	0.00	0.00	39.20	0.65	0.00	217.84	0.00	0.00	40.05	0.92	0.18	218.08	0.00
1097	0.01	36.24	0.69	-0.17	217.61	0.00	0.00	37.00	0.94	0.01	217.85	0.00	0.00	37.76	1.18	0.19	218.08	0.00
1100	0.00	35.33	0.89	-0.16	217.62	0.00	0.00	35.95	1.10	0.02	217.85	0.00	0.00	36.58	1.30	0.19	218.08	0.00
1103	0.00	34.45	1.11	-0.16	217.63	0.00	0.00	34.91	1.26	0.02	217.86	0.00	0.00	35.37	1.42	0.20	218.08	0.00
1106	0.01	33.62	1.35	-0.15	217.64	0.00	0.00	33.86	1.43	0.03	217.86	0.00	0.00	34.10	1.52	0.20	218.09	0.00
1109	0.00	32.85	1.60	-0.14	217.65	0.00	-0.01	32.82	1.61	0.03	217.87	0.00	-0.01	32.77	1.61	0.21	218.09	0.00
1112	0.02	32.17	1.90	-0.13	217.65	0.00	0.01	31.76	1.79	0.04	217.88	0.00	0.01	31.39	1.69	0.22	218.11	0.01
1115	-0.02	31.52	2.18	-0.13	217.67	0.00	-0.03	30.75	1.96	0.05	217.90	-0.02	-0.03	29.88	1.71	0.24	218.09	-0.05
1118	0.04	31.05	2.53	-0.10	217.58	0.03	0.04	29.63	2.12	0.06	217.86	0.13	0.04	28.39	1.76	0.22	218.28	0.23
1121	-0.04	30.47	2.79	-0.13	218.20	-0.31	-0.05	28.72	2.28	0.07	218.05	-0.73	-0.07	26.60	1.66	0.28	217.35	-1.16
1124	-0.04	30.36	3.20	-0.04	214.54	2.34	-0.02	27.42	2.33	0.07	217.34	4.08	0.00	25.12	1.67	0.19	222.41	5.81
1127	0.56	32.24	4.28	0.75	199.73	-15.51	0.49	24.16	1.89	0.11	188.80	-22.69	0.38	25.56	2.44	-0.45	294.62	-29.96
1130	-0.40	34.65	4.70	1.06	181.35	-6.63	-0.43	23.62	1.47	-0.02	164.65	-49.36	-0.76	12.70	-1.56	-0.69	180.22	-70.87
1133	-0.96	35.15	4.60	0.05	173.33	-0.06	0.10	24.49	1.74	0.21	168.14	-0.11	0.99	5.43	-3.71	0.08	90.11	-0.16
1136	-0.41	34.99	4.60	-1.00	180.95	6.38	-0.73	23.01	0.86	0.21	164.39	49.01	-1.04	11.38	-3.04	0.83	180.44	70.46
1139	0.39	32.96	4.21	-0.87	199.55	15.23	0.36	23.34	1.29	-0.08	188.56	22.17	0.37	22.31	0.85	0.78	294.53	29.20
1142	-0.02	29.26	3.10	-0.32	214.53	-2.44	-0.01	24.25	1.62	-0.10	217.22	-4.15	0.02	19.79	0.30	0.13	222.00	-5.84
1145	-0.04	27.19	2.60	-0.22	217.94	0.36	-0.05	23.37	1.46	-0.07	217.69	0.77	-0.06	19.23	0.23	0.08	217.32	1.19
1148	0.04	25.54	2.19	-0.26	217.34	-0.04	0.04	22.15	1.18	-0.07	217.73	-0.15	0.04	18.93	0.23	0.12	218.26	-0.25
1151	-0.02	23.75	1.65	-0.23	217.44	0.00	-0.02	21.12	0.87	-0.06	217.78	0.03	-0.03	18.40	0.07	0.10	218.09	0.05
1154	0.01	22.10	1.15	-0.24	217.41	0.00	0.01	19.99	0.53	-0.06	217.77	-0.01	0.01	17.92	-0.09	0.12	218.14	-0.01
1157	-0.01	20.43	0.59	-0.23	217.41	0.00	-0.01	18.91	0.15	-0.06	217.78	0.00	-0.01	17.36	-0.31	0.12	218.14	0.00
1160	0.00	18.79	0.03	-0.24	217.41	0.00	0.00	17.80	-0.25	-0.06	217.78	0.00	0.00	16.82	-0.54	0.12	218.15	0.00
1163	0.00	17.13	-0.55	-0.24	217.40	0.00	0.00	16.71	-0.67	-0.06	217.77	0.00	0.00	16.29	-0.79	0.11	218.15	0.00
1166	-0.02	15.43	-1.15	-0.24	217.40	0.00	0.00	15.61	-1.09	-0.07	217.77	0.00	0.01	15.78	-1.02	0.11	218.14	0.00
1169	0.00	13.45	-1.83	-0.25	217.40	-0.01	0.00	14.51	-1.51	-0.07	217.76	0.00	0.01	15.57	-1.18	0.10	218.13	0.01
1172	-0.03	9.50	-3.16	-0.27	217.38	0.03	0.00	12.10	-2.36	-0.09	217.75	0.00	0.04	14.70	-1.57	0.08	218.09	-0.03
1175	-0.02	4.83	-4.50	-0.30	217.40	-0.13	0.01	9.68	-3.04	-0.12	217.70	0.00	0.03	14.54	-1.57	0.05	218.05	0.13
1178	-0.02	-0.52	-5.73	-0.34	217.33	0.49	0.01	7.27	-3.38	-0.16	217.74	0.00	0.04	15.06	-1.03	0.02	217.89	-0.49
1181	-0.03	-6.60	-6.63	-0.35	217.69	-1.89	0.02	4.86	-3.19	-0.20	217.40	0.00	0.06	16.33	0.28	-0.03	218.07	1.87
1184	0.08	-13.34	-6.92	-0.43	216.56	7.13	0.03	2.45	-2.18	-0.23	218.52	0.00	-0.02	18.26	2.54	-0.03	216.83	-7.11
1187	0.30	-18.03	-5.45	-0.08	108.78	-27.12	0.00	0.06	-0.08	0.01	108.92	-0.08	-0.27	18.09	5.21	0.09	109.06	27.02

yster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes						Middle Nodes						Inside Nodes					
	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1190	0.08	-15.52	-6.93	0.26	1.01	7.13	0.03	0.03	-2.27	0.24	-0.58	0.00	-0.02	15.60	2.38	0.22	1.30	-7.11
1193	-0.04	-10.97	-6.67	0.20	-0.13	-1.89	0.02	0.02	-3.37	0.21	0.45	0.00	0.06	11.03	-0.05	0.22	0.06	1.87
1196	-0.02	-7.13	-5.85	0.17	0.22	0.49	0.01	0.02	-3.70	0.17	0.10	0.00	0.04	7.16	-1.54	0.17	0.24	-0.49
1199	-0.03	-4.10	-4.77	0.12	0.14	-0.13	0.01	0.01	-3.53	0.13	0.14	0.00	0.04	4.13	-2.29	0.13	0.08	0.13
1202	-0.03	-1.87	-3.66	0.09	0.15	0.03	0.00	0.01	-3.09	0.09	0.08	0.00	0.03	1.88	-2.52	0.09	0.04	-0.03
1205	-0.02	-0.33	-2.62	0.06	0.12	-0.01	0.00	0.00	-2.52	0.06	0.06	0.00	0.02	0.33	-2.41	0.06	-0.01	0.01
1208	-0.02	0.64	-1.74	0.03	0.10	0.00	0.00	0.00	-1.92	0.03	0.03	0.00	0.02	-0.64	-2.11	0.03	-0.03	0.00
1211	-0.01	1.16	-1.03	0.01	0.07	0.00	0.00	0.00	-1.38	0.02	0.02	0.00	0.01	-1.17	-1.72	0.02	-0.04	0.00
1214	-0.01	1.37	-0.51	0.00	0.05	0.00	0.00	0.00	-0.92	0.00	0.00	0.00	0.00	-1.37	-1.33	0.00	-0.05	0.00
1217	0.00	1.41	-0.32	0.00	0.04	0.00	0.00	0.00	-0.75	0.00	0.00	0.00	0.00	-1.41	-1.17	0.00	-0.04	0.00
1220	0.00	1.38	-0.18	0.00	0.03	0.00	0.00	0.00	-0.59	0.00	0.00	0.00	0.00	-1.39	-1.01	0.00	-0.04	0.00
1223	0.00	1.34	-0.06	-0.01	0.03	0.00	0.00	0.00	-0.46	-0.01	-0.01	0.00	0.00	-1.34	-0.86	-0.01	-0.04	0.00
1226	0.00	1.27	0.04	-0.01	0.02	0.00	0.00	0.00	-0.34	-0.01	-0.01	0.00	0.00	-1.27	-0.72	-0.01	-0.04	0.00
1229	0.00	1.19	0.11	-0.01	0.01	0.00	0.00	0.00	-0.24	-0.01	-0.01	0.00	0.00	-1.19	-0.60	-0.01	-0.03	0.00
1232	0.00	1.09	0.17	-0.01	0.01	0.00	0.00	0.00	-0.16	-0.01	-0.01	0.00	0.00	-1.10	-0.49	-0.01	-0.03	0.00
1235	0.00	0.99	0.21	-0.01	0.01	0.00	0.00	0.00	-0.09	-0.01	-0.01	0.00	0.00	-1.00	-0.39	-0.01	-0.03	0.00
1238	0.00	0.89	0.24	-0.01	0.00	0.00	0.00	0.00	-0.03	-0.01	-0.01	0.00	0.00	-0.89	-0.30	-0.01	-0.03	0.00
1241	0.00	0.78	0.25	-0.01	0.00	0.00	0.00	0.00	0.02	-0.01	-0.01	0.00	0.00	-0.79	-0.22	-0.01	-0.02	0.00
1244	-0.02	0.62	0.23	-0.04	0.00	0.00	-0.02	0.08	0.07	-0.01	-0.01	0.00	-0.02	-0.78	-0.19	0.02	-0.03	0.00
1247	0.02	0.51	0.22	-0.05	0.00	0.00	-0.02	0.08	0.07	-0.02	-0.01	0.00	-0.05	-0.36	-0.07	0.02	-0.02	0.01
1250	0.04	0.47	0.22	-0.01	0.00	0.00	0.06	0.04	0.10	-0.01	-0.01	0.00	0.05	-0.14	0.04	-0.01	-0.01	0.00
1253	0.02	0.46	0.22	0.03	0.00	0.00	-0.02	0.08	0.10	0.00	0.00	0.00	-0.05	-0.33	-0.03	-0.03	-0.01	-0.01
1256	-0.02	0.49	0.22	0.02	0.00	0.00	-0.02	0.07	0.10	-0.01	-0.01	0.00	-0.02	-0.64	-0.12	-0.04	-0.02	0.00
1259	0.00	0.50	0.26	-0.01	0.00	0.00	0.00	0.00	0.11	-0.01	-0.01	0.00	0.00	-0.51	-0.05	-0.01	-0.01	0.00
1262	0.00	0.43	0.25	-0.01	0.00	0.00	0.00	0.00	0.12	-0.01	-0.01	0.00	0.00	-0.43	-0.01	-0.01	-0.01	0.00
1265	0.00	0.36	0.24	-0.01	-0.01	0.00	0.00	0.00	0.13	-0.01	-0.01	0.00	0.00	-0.36	0.02	-0.01	-0.01	0.00
1268	0.00	0.30	0.23	-0.01	-0.01	0.00	0.00	0.00	0.14	-0.01	-0.01	0.00	0.00	-0.30	0.05	-0.01	-0.01	0.00
1271	0.00	0.24	0.21	-0.01	-0.01	0.00	0.00	0.00	0.14	-0.01	-0.01	0.00	0.00	-0.24	0.07	-0.01	-0.01	0.00
1274	0.00	0.18	0.19	-0.01	-0.01	0.00	0.00	0.00	0.13	-0.01	-0.01	0.00	0.00	-0.18	0.08	-0.01	0.00	0.00
1277	0.00	0.14	0.17	0.00	-0.01	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	-0.14	0.09	0.00	0.00	0.00
1280	0.00	0.10	0.15	0.00	-0.01	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	-0.10	0.09	0.00	0.00	0.00
1283	0.00	0.07	0.13	0.00	-0.01	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	-0.07	0.09	0.00	0.00	0.00
1286	0.00	0.03	0.11	0.00	-0.01	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	-0.03	0.10	0.00	0.00	0.00
1289	0.00	-0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.01	0.08	0.00	0.00	0.00
1292	0.00	-0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.04	0.07	0.00	0.00	0.00
1295	0.00	-0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.05	0.05	0.00	0.00	0.00

iter Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

iddle lode	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1298	0.00	-0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.05	0.04	0.00	0.00	0.00
1301	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00
1304	0.00	-0.04	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00
1307	0.00	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00
1310	0.00	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
1313	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1316	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1319	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1322	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1325	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1328	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1331	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1334	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1337	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1340	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1343	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1349	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1352	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1355	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1358	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1361	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1364	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1367	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1370	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1373	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1376	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1379	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1382	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1385	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1388	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1391	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1394	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1397	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1403	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ster Creek Drywell with Sand - Unit Load Case No. 7 (0.058 inch seismic relative support displacement)

Middle Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	SYZ (psi)	SXZ (psi)
1406	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1409	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1412	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1415	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1418	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1421	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1424	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1427	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1430	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1433	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1436	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1439	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1442	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1445	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1448	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1451	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1454	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1	1	1	97	1	97	2	2	2	2	2	98	3	27	138	99	3	1131
	675.44	2209.77	868.69	54.18	730.77	161.13	384.21	898.88	386.46	-32.66	735.08	79.38	93.24	1124.77	-278.00	-80.80	739.31	-70.87

Oyster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
2	247.08	106.93	36.00	1	17.15	73.51	27.37	4.19	2	2.43	6.04	2.62	4.37	3	-12.26	-61.45	-22.13	4.58
5	248.68	108.10	36.27	4	-2.33	110.76	32.37	4.11	5	-0.54	6.09	1.08	4.36	6	1.26	-98.89	-30.33	4.65
8	250.28	109.28	36.54	7	0.88	184.72	53.19	3.94	8	0.38	6.05	-1.80	4.35	9	-0.08	-173.02	-56.95	4.82
11	251.87	110.46	36.81	10	0.08	257.27	68.47	3.71	11	0.26	5.96	-9.31	4.28	12	0.50	-245.90	-87.33	4.95
14	253.45	111.66	37.08	13	0.34	327.37	77.71	3.40	14	0.41	5.75	-22.81	4.12	15	0.57	-316.59	-123.62	4.96
17	255.03	112.86	37.35	16	0.25	392.40	77.99	2.92	17	0.49	5.32	-44.07	3.79	18	0.84	-382.64	-166.51	4.80
20	256.61	114.06	37.62	19	0.19	448.53	66.72	2.22	20	0.61	4.54	-74.64	3.21	21	1.15	-440.41	-216.41	4.35
23	258.18	115.28	37.89	22	0.01	490.19	40.81	1.18	23	0.68	3.34	-115.85	2.27	24	1.48	-484.64	-272.99	3.52
26	259.74	116.50	38.16	25	-0.20	510.07	-2.97	-0.25	26	0.81	1.49	-168.72	0.85	27	1.94	-508.14	-336.93	2.13
29	261.30	117.73	38.43	28	-0.61	498.62	-68.13	-2.24	29	0.81	-1.02	-233.74	-1.16	30	2.35	-501.89	-399.87	0.11
32	262.85	118.97	38.70	31	-0.98	444.51	-157.88	-4.81	32	0.92	-4.56	-310.66	-3.89	33	2.96	-454.42	-463.81	-2.80
35	264.39	120.21	38.98	34	-1.70	333.84	-275.47	-8.17	35	0.77	-8.93	-398.22	-7.47	36	3.33	-352.70	-521.40	-6.64
38	265.93	121.46	39.25	37	-2.24	151.67	-422.89	-12.22	38	0.85	-14.72	-493.84	-12.00	39	3.99	-181.06	-564.86	-11.70
41	267.47	122.72	39.52	40	-3.36	-119.35	-601.68	-17.22	41	0.40	-21.33	-593.25	-17.55	42	4.14	76.44	-584.92	-17.87
44	269.00	123.99	39.79	43	-3.96	-495.50	-810.45	-22.83	44	0.44	-29.70	-690.04	-24.13	45	4.73	438.00	-568.98	-25.55
47	270.52	125.26	40.06	46	-5.56	-994.64	-1046.70	-29.42	47	-0.54	-38.38	-775.36	-31.69	48	4.23	918.99	-503.48	-34.24
50	272.03	126.54	40.33	49	-5.93	-1629.03	-1302.28	-36.12	50	-0.48	-49.10	-837.37	-40.06	51	4.57	1536.02	-370.53	-44.46
53	273.54	127.83	40.60	52	-8.11	-2411.06	-1567.53	-43.55	53	-2.37	-58.73	-861.11	-48.93	54	2.77	2296.75	-153.15	-55.01
56	275.05	129.13	40.87	55	-7.54	-3339.13	-1822.91	-49.89	56	-2.04	-70.58	-827.96	-57.82	57	2.61	3208.55	171.02	-66.72
59	276.54	130.43	41.14	58	-10.63	-4410.41	-2048.26	-56.35	59	-5.37	-78.31	-715.93	-66.03	60	-1.24	4259.08	619.14	-76.98
62	278.04	131.74	41.41	61	-7.91	-5597.57	-2208.11	-59.29	62	-4.32	-88.67	-499.64	-72.57	63	-2.16	5438.69	1215.87	-87.53
65	279.54	133.07	41.68	64	-12.31	-6872.78	-2265.61	-61.36	65	-10.43	-89.41	-145.83	-76.32	66	-10.31	6700.38	1977.73	-93.29
68	281.03	134.41	41.96	67	-4.76	-8147.22	-2159.59	-55.83	68	-6.84	-93.85	375.24	-75.35	69	-11.01	7989.91	2921.45	-97.33
71	282.52	135.75	42.23	70	-10.65	-9332.61	-1840.27	-48.03	71	-17.32	-77.82	1094.38	-67.57	72	-26.39	9179.98	4032.55	-89.83
74	284.01	137.11	42.50	73	5.25	-10251.12	-1214.54	-25.36	74	-8.25	-69.60	2041.38	-50.33	75	-24.39	10159.35	5314.50	-78.40
77	285.48	138.47	42.78	76	-4.93	-10754.12	-228.46	-0.32	77	-26.55	-22.57	3238.41	-21.12	78	-50.96	10697.17	6704.90	-44.99
80	286.96	139.83	43.05	79	25.74	-10538.77	1237.52	50.42	80	-5.77	5.00	4693.74	23.42	81	-40.03	10618.87	8174.23	-6.88
83	288.42	141.21	43.33	82	8.51	-9404.55	3158.73	99.36	83	-37.58	107.57	6346.54	85.77	84	-86.12	9546.50	9515.33	69.53
86	289.88	142.59	43.60	85	47.55	-6919.38	5208.37	188.75	86	2.71	175.47	7707.57	168.35	87	-44.01	7274.03	10210.05	145.70
89	[illegible]	143.98	43.87	88	56.58	-2974.27	5373.28	254.87	89	-37.24	382.77	6755.78	266.09	90	-131.78	3326.58	8014.59	277.14
92	292.[illegible]	145.37	44.15	91	-115.91	2740.62	-329.59	360.71	92	-23.04	416.06	-604.44	360.34	93	69.81	-2062.41	-927.96	360.62
95	294.21	146.77	44.42	94	500.59	7081.57	-13936.35	1438.75	95	18.07	107.19	-15813.62	-0.87	96	138.92	-5648.45	-17145.70	87.50
98	294.65	147.04	44.49	97	930.79	6201.87	-13743.42	2155.86	98	14.39	511.78	-15269.22	-369.05	99	245.59	-5996.16	-16694.46	-234.46
101	295.08	147.31	44.56	100	24.93	4979.19	-14062.07	975.24	101	-392.31	893.25	-14828.08	43.51	102	-194.21	-5809.97	-16247.63	-95.47
104	296.51	148.72	44.83	103	20.59	6740.51	-11452.40	177.34	104	18.64	236.69	-12871.34	135.46	105	18.75	-6468.93	-14351.76	196.00
107	297.92	150.14	45.10	106	-18.80	8382.74	-8998.75	92.89	107	15.60	107.31	-10972.77	128.94	108	52.54	-8088.43	-12924.78	167.59

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient ... DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
110	299.33	151.56	45.37	109	-29.25	9375.99	-6845.65	58.93	110	-10.51	102.76	-9183.52	80.85	111	11.36	-9268.75	-11533.23	106.18
113	300.74	152.99	45.65	112	-5.38	9984.84	-4989.03	10.93	113	11.96	38.71	-7552.19	41.18	114	32.74	-9909.52	-10118.79	74.93
116	302.13	154.42	45.92	115	-14.94	10186.67	-3407.82	-16.15	116	-1.78	20.40	-6080.52	8.78	117	15.00	-10202.55	-8775.26	37.42
119	303.52	155.87	46.19	118	-3.25	10112.11	-2063.94	-43.34	119	6.27	-11.45	-4771.01	-16.91	120	19.46	-10163.82	-7489.89	13.19
122	304.91	157.31	46.47	121	-7.29	9795.57	-963.00	-59.98	122	1.24	-27.36	-3622.95	-36.78	123	13.38	-9890.50	-6298.13	-9.99
125	306.28	158.77	46.74	124	7.91	9308.89	-65.89	-74.18	125	7.65	-42.31	-2627.58	-51.51	126	10.91	-9428.06	-5202.73	-25.44
128	307.65	160.23	47.01	127	-33.84	8691.24	624.16	-81.69	128	-13.19	-51.16	-1786.53	-61.38	129	10.64	-8829.30	-4210.92	-39.06
131	309.01	161.70	47.28	130	49.07	7714.95	1122.55	-99.30	131	43.35	-55.29	-1044.16	-68.93	132	40.42	-7847.76	-3220.24	-35.68
134	312.35	165.36	47.96	133	30.17	6119.89	1974.82	-107.27	134	44.91	-54.25	228.56	-73.27	135	61.92	-6251.58	-1526.89	-36.95
137	315.65	169.06	48.64	136	38.40	4328.43	2158.62	-89.64	137	23.14	-50.05	890.55	-66.13	138	9.68	-4444.60	-383.98	-41.01
140	318.91	172.81	49.31	139	28.61	2780.76	1981.99	-68.28	140	16.60	-40.90	1147.92	-53.76	141	5.79	-2873.58	309.45	-38.20
143	322.12	176.58	49.99	142	22.52	1568.05	1632.58	-47.86	143	8.86	-30.84	1144.66	-40.06	144	-4.07	-1635.43	654.38	-31.66
146	325.28	180.40	50.66	145	15.23	694.08	1230.04	-30.35	146	3.77	-21.15	997.76	-27.36	147	-7.30	-739.38	764.25	-24.09
149	328.40	184.25	51.34	148	9.67	119.93	849.89	-16.82	149	0.50	-13.39	789.42	-16.81	150	-8.54	-147.03	728.75	-16.74
152	331.48	188.14	52.01	151	5.18	-215.05	530.23	-7.10	152	-1.44	-7.34	573.40	-8.81	153	-8.08	200.94	616.77	-10.58
155	334.51	192.07	52.69	154	1.88	-374.19	284.96	-0.83	155	-2.49	-3.29	380.36	-3.24	156	-6.98	369.12	476.32	-5.77
158	337.49	196.03	53.36	157	0.13	-416.91	112.19	2.61	158	-2.24	-0.55	225.11	0.26	159	-4.75	417.31	338.62	-2.21
161	340.00	199.45	53.94	160	-0.37	-394.77	14.66	3.95	161	-1.38	0.79	124.64	1.97	162	-2.54	397.94	235.24	-0.13
164	342.48	202.89	54.52	163	-1.09	-342.24	-45.79	4.52	164	-1.50	1.51	51.35	2.83	165	-2.04	346.47	148.97	1.04
167	344.93	206.36	55.10	166	-1.13	-277.30	-77.85	4.41	167	-1.12	1.71	2.05	3.08	168	-1.21	281.82	82.38	1.67
170	347.34	209.85	55.68	169	-1.15	-211.19	-89.76	3.93	170	-0.89	1.69	-28.03	2.93	171	-0.71	215.34	34.00	1.87
173	349.71	213.36	56.25	172	-1.00	-150.69	-88.25	3.25	173	-0.61	1.48	-43.55	2.56	174	-0.28	154.25	1.39	1.82
176	352.05	216.90	56.83	175	-0.85	-99.48	-78.79	2.53	176	-0.41	1.22	-48.75	2.08	177	-0.02	102.28	-18.55	1.61
179	354.35	220.46	57.41	178	-0.65	-58.81	-65.42	1.85	179	-0.24	0.93	-47.19	1.60	180	0.15	60.92	-28.86	1.33
182	356.62	224.05	57.99	181	-0.48	-28.48	-50.99	1.26	182	-0.12	0.68	-41.68	1.15	183	0.23	29.94	-32.34	1.03
185	358.85	227.66	58.57	184	-0.32	-7.32	-37.30	0.77	185	-0.02	0.46	-34.32	0.76	186	0.27	8.28	-31.33	0.75
188	361.04	231.29	59.14	187	-0.20	6.21	-25.39	0.41	188	0.03	0.29	-26.54	0.46	189	0.26	-5.66	-27.71	0.50
191	363.20	234.94	59.72	190	-0.10	13.82	-15.71	0.15	191	0.06	0.15	-19.26	0.23	192	0.23	-13.56	-22.83	0.31
194	365.32	238.61	60.30	193	-0.04	17.10	-8.32	-0.03	194	0.07	0.07	-12.98	0.06	195	0.19	-17.04	-17.67	0.16
197	367.41	242.31	60.88	196	0.01	17.45	-3.03	-0.13	197	0.07	0.00	-7.92	-0.04	198	0.15	-17.50	-12.83	0.05
200	369.45	246.03	61.45	199	0.03	15.97	0.47	-0.18	200	0.07	-0.03	-4.08	-0.10	201	0.11	-16.09	-8.65	-0.02
203	371.46	249.76	62.03	202	0.05	13.53	2.56	-0.19	203	0.06	-0.05	-1.35	-0.13	204	0.07	-13.67	-5.28	-0.06
206	373.43	253.52	62.61	205	0.05	10.75	3.58	-0.18	206	0.04	-0.05	0.45	-0.13	207	0.04	-10.89	-2.71	-0.08
209	375.36	257.30	63.19	208	0.05	8.04	3.87	-0.16	209	0.03	-0.05	1.50	-0.12	210	0.02	-8.16	-0.88	-0.08
212	377.26	261.09	63.77	211	0.04	5.63	3.68	-0.13	212	0.02	-0.04	2.00	-0.10	213	0.01	-5.73	0.32	-0.07
215	379.11	264.91	64.34	214	0.03	3.64	3.23	-0.10	215	0.01	-0.03	2.13	-0.08	216	-0.00	-3.72	1.02	-0.06

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
218	380.93	268.74	64.92	217	0.03	2.12	2.66	-0.07	218	0.01	-0.02	2.00	-0.06	219	-0.02	-2.18	1.34	-0.05
221	382.71	272.59	65.50	220	0.01	1.13	2.10	-0.04	221	0.00	-0.02	1.74	-0.04	222	-0.00	-1.17	1.38	-0.04
224	383.49	274.32	65.76	223	0.01	0.63	1.80	-0.03	224	-0.00	-0.01	1.59	-0.03	225	-0.01	-0.66	1.38	-0.03
227	384.26	276.04	66.02	226	0.00	0.35	1.57	-0.03	227	0.00	-0.01	1.44	-0.03	228	-0.00	-0.37	1.31	-0.03
230	385.03	277.78	66.27	229	0.00	0.13	1.34	-0.02	230	-0.00	-0.01	1.28	-0.02	231	-0.00	-0.15	1.22	-0.02
233	385.79	279.51	66.53	232	0.00	-0.03	1.14	-0.01	233	-0.00	-0.01	1.13	-0.01	234	-0.00	0.02	1.12	-0.01
236	386.54	281.25	66.79	235	0.00	-0.14	0.95	0.01	236	0.01	-0.02	0.97	-0.02	237	0.00	0.16	1.00	-0.02
239	386.75	282.00	66.90	238	-0.00	-0.27	0.84	0.04	239	0.01	-0.01	0.91	-0.03	240	0.00	0.28	0.98	-0.03
242	386.97	282.74	67.00	241	-0.01	-0.45	0.72	0.02	242	-0.01	-0.00	0.84	-0.02	243	-0.01	0.43	0.96	-0.02
245	387.40	283.76	67.15	244	0.00	-0.56	0.60	-0.01	245	0.00	-0.00	0.76	-0.01	246	-0.00	0.55	0.91	-0.01
248	387.82	284.77	67.30	247	0.00	-0.61	0.50	-0.01	248	0.00	-0.00	0.67	-0.01	249	-0.00	0.61	0.84	-0.01
251	388.24	285.79	67.45	250	0.00	-0.65	0.41	-0.00	251	-0.00	-0.00	0.60	-0.00	252	-0.00	0.65	0.78	-0.01
254	388.67	286.80	67.60	253	0.00	-0.68	0.33	-0.00	254	0.00	-0.00	0.52	-0.00	255	-0.00	0.68	0.72	-0.00
257	389.08	287.82	67.75	256	0.00	-0.69	0.26	-0.00	257	-0.00	-0.00	0.45	-0.00	258	-0.00	0.69	0.65	-0.00
260	389.50	288.84	67.90	259	0.00	-0.70	0.19	0.00	260	0.00	-0.00	0.39	-0.00	261	-0.00	0.70	0.59	-0.00
263	389.91	289.86	68.05	262	0.00	-0.69	0.13	0.00	263	-0.00	0.00	0.33	0.00	264	-0.00	0.69	0.53	-0.00
266	390.32	290.88	68.20	265	-0.00	-0.68	0.08	0.00	266	-0.00	0.00	0.28	0.00	267	-0.00	0.68	0.48	0.00
269	390.73	291.90	68.35	268	0.00	-0.66	0.04	0.00	269	0.00	0.00	0.23	0.00	270	-0.00	0.67	0.42	0.00
272	391.13	292.93	68.50	271	-0.00	-0.63	-0.00	0.00	272	-0.00	0.00	0.18	0.00	273	-0.00	0.63	0.37	0.00
275	392.28	295.87	68.93	274	-0.00	-0.56	-0.09	0.01	275	-0.00	0.00	0.08	0.00	276	-0.00	0.56	0.24	0.00
278	393.40	298.82	69.36	277	-0.00	-0.46	-0.13	0.01	278	-0.00	0.00	0.00	0.00	279	-0.00	0.46	0.14	0.00
281	394.50	301.77	69.79	280	-0.00	-0.36	-0.15	0.01	281	-0.00	0.00	-0.04	0.00	282	-0.00	0.36	0.07	0.00
284	395.58	304.74	70.22	283	-0.00	-0.27	-0.15	0.00	284	-0.00	0.00	-0.07	0.00	285	-0.00	0.27	0.01	0.00
287	396.64	307.71	70.65	286	-0.00	-0.19	-0.13	0.00	287	-0.00	0.00	-0.08	0.00	288	-0.00	0.19	-0.02	0.00
290	397.67	310.69	71.08	289	-0.00	-0.12	-0.12	0.00	290	-0.00	0.00	-0.08	0.00	291	0.00	0.12	-0.04	0.00
293	398.68	313.68	71.51	292	-0.00	-0.07	-0.09	0.00	293	-0.00	0.00	-0.07	0.00	294	0.00	0.07	-0.05	0.00
296	399.67	316.68	71.94	295	-0.00	-0.03	-0.07	0.00	296	-0.00	0.00	-0.06	0.00	297	0.00	0.03	-0.05	0.00
299	400.64	319.68	72.37	298	-0.00	-0.00	-0.05	0.00	299	-0.00	0.00	-0.05	0.00	300	0.00	0.00	-0.05	0.00
302	401.58	322.69	72.80	301	-0.00	0.01	-0.04	0.00	302	0.00	0.00	-0.04	0.00	303	0.00	-0.01	-0.04	0.00
305	402.51	325.71	73.23	304	-0.00	0.02	-0.02	0.00	305	0.00	0.00	-0.03	0.00	306	0.00	-0.02	-0.04	0.00
308	403.41	328.73	73.66	307	-0.00	0.03	-0.01	-0.00	308	0.00	0.00	-0.02	0.00	309	0.00	-0.03	-0.03	0.00
311	404.28	331.76	74.09	310	0.00	0.03	-0.00	-0.00	311	0.00	0.00	-0.01	-0.00	312	0.00	-0.03	-0.02	0.00
314	405.13	334.80	74.52	313	0.00	0.03	0.00	-0.00	314	0.00	-0.00	-0.01	-0.00	315	0.00	-0.03	-0.02	-0.00
317	405.97	337.84	74.95	316	0.00	0.02	0.00	-0.00	317	0.00	-0.00	-0.00	-0.00	318	0.00	-0.02	-0.01	-0.00
320	406.77	340.89	75.38	319	0.00	0.02	0.01	-0.00	320	0.00	-0.00	0.00	-0.00	321	0.00	-0.02	-0.01	-0.00
323	407.56	343.95	75.81	322	0.00	0.02	0.01	-0.00	323	0.00	-0.00	0.00	-0.00	324	0.00	-0.02	-0.00	-0.00

ter Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

				Outside Nodes					Middle Nodes					Inside Nodes			
ode	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
326	408.32	347.01	76.24	325	0.00	0.01	0.01	-0.00	326	0.00	-0.00	0.00	-0.00	327	0.00	-0.01	-0.00	-0.00
329	409.06	350.08	76.67	328	0.00	0.01	0.01	-0.00	329	0.00	-0.00	0.00	-0.00	330	0.00	-0.01	0.00	-0.00
332	409.77	353.15	77.10	331	0.00	0.00	0.00	-0.00	332	0.00	-0.00	0.00	-0.00	333	-0.00	-0.01	0.00	-0.00
335	410.47	356.23	77.53	334	0.00	0.00	0.00	-0.00	335	0.00	-0.00	0.00	-0.00	336	-0.00	-0.00	0.00	-0.00
338	411.14	359.31	77.96	337	0.00	0.00	0.00	-0.00	338	0.00	-0.00	0.00	-0.00	339	-0.00	-0.00	0.00	-0.00
341	411.78	362.40	78.39	340	0.00	0.00	0.00	-0.00	341	-0.00	-0.00	0.00	-0.00	342	-0.00	-0.00	0.00	-0.00
344	412.41	365.49	78.82	343	0.00	-0.00	0.00	-0.00	344	-0.00	-0.00	0.00	-0.00	345	-0.00	0.00	0.00	-0.00
347	413.01	368.59	79.25	346	0.00	-0.00	0.00	-0.00	347	-0.00	-0.00	0.00	-0.00	348	-0.00	0.00	0.00	-0.00
350	413.58	371.69	79.68	349	0.00	-0.00	0.00	0.00	350	-0.00	-0.00	0.00	-0.00	351	-0.00	0.00	0.00	-0.00
353	414.14	374.80	80.11	352	-0.00	-0.00	0.00	0.00	353	-0.00	-0.00	0.00	0.00	354	-0.00	0.00	0.00	-0.00
356	414.67	377.91	80.54	355	-0.00	-0.00	-0.00	0.00	356	-0.00	-0.00	0.00	0.00	357	-0.00	0.00	0.00	0.00
359	415.17	381.02	80.97	358	-0.00	-0.00	-0.00	0.00	359	-0.00	-0.00	0.00	0.00	360	-0.00	0.00	0.00	0.00
362	415.66	384.14	81.40	361	-0.00	-0.00	-0.00	0.00	362	-0.00	0.00	-0.00	0.00	363	-0.00	0.00	0.00	0.00
365	416.12	387.26	81.83	364	-0.00	-0.00	-0.00	0.00	365	-0.00	0.00	-0.00	0.00	366	-0.00	0.00	0.00	0.00
368	416.56	390.38	82.26	367	-0.00	-0.00	-0.00	0.00	368	-0.00	0.00	-0.00	0.00	369	-0.00	0.00	0.00	0.00
371	416.97	393.51	82.69	370	-0.00	-0.00	-0.00	0.00	371	-0.00	0.00	-0.00	0.00	372	-0.00	0.00	-0.00	0.00
374	417.36	396.64	83.12	373	-0.00	-0.00	-0.00	0.00	374	-0.00	0.00	-0.00	0.00	375	0.00	0.00	-0.00	0.00
377	417.72	399.78	83.55	376	-0.00	-0.00	-0.00	0.00	377	-0.00	0.00	-0.00	0.00	378	0.00	0.00	-0.00	0.00
380	418.07	402.91	83.98	379	-0.00	-0.00	-0.00	0.00	380	-0.00	0.00	-0.00	0.00	381	0.00	0.00	-0.00	0.00
383	418.39	406.05	84.41	382	-0.00	0.00	-0.00	0.00	383	0.00	0.00	-0.00	0.00	384	0.00	-0.00	-0.00	0.00
386	418.68	409.19	84.84	385	-0.00	0.00	-0.00	0.00	386	0.00	0.00	-0.00	0.00	387	0.00	-0.00	-0.00	0.00
389	418.95	412.33	85.27	388	-0.00	0.00	-0.00	0.00	389	0.00	0.00	-0.00	0.00	390	0.00	-0.00	-0.00	0.00
392	419.20	415.48	85.70	391	-0.00	0.00	-0.00	-0.00	392	0.00	0.00	-0.00	0.00	393	0.00	-0.00	-0.00	0.00
395	419.43	418.63	86.13	394	0.00	0.00	-0.00	-0.00	395	0.00	0.00	-0.00	-0.00	396	0.00	-0.00	-0.00	0.00
398	419.63	421.78	86.56	397	0.00	0.00	0.00	-0.00	398	0.00	0.00	-0.00	-0.00	399	0.00	-0.00	-0.00	-0.00
401	419.81	424.93	86.99	400	0.00	0.00	0.00	-0.00	401	0.00	0.00	-0.00	-0.00	402	0.00	-0.00	-0.00	-0.00
404	419.96	428.08	87.42	403	0.00	0.00	0.00	-0.00	404	0.00	0.00	0.00	-0.00	405	0.00	-0.00	-0.00	-0.00
407	420.09	431.23	87.85	406	0.00	0.00	0.00	-0.00	407	0.00	0.00	0.00	-0.00	408	0.00	-0.00	-0.00	-0.00
410	420.20	434.38	88.28	409	0.00	0.00	0.00	-0.00	410	0.00	-0.00	0.00	-0.00	411	0.00	-0.00	-0.00	-0.00
413	420.28	437.54	88.71	412	0.00	0.00	0.00	-0.00	413	0.00	-0.00	0.00	-0.00	414	0.00	-0.00	0.00	-0.00
416	420.34	440.69	89.14	415	0.00	0.00	0.00	-0.00	416	0.00	-0.00	0.00	-0.00	417	-0.00	-0.00	0.00	-0.00
419	420.37	443.85	89.57	418	0.00	0.00	0.00	-0.00	419	0.00	-0.00	0.00	-0.00	420	-0.00	-0.00	0.00	-0.00
422	420.39	447.00	90.00	421	0.00	0.00	0.00	-0.00	422	0.00	-0.00	0.00	-0.00	423	-0.00	-0.00	0.00	-0.00
425	420.37	450.15	90.43	424	0.00	-0.00	0.00	-0.00	425	-0.00	-0.00	0.00	-0.00	426	-0.00	0.00	0.00	-0.00
428	420.34	453.31	90.86	427	0.00	-0.00	0.00	-0.00	428	-0.00	-0.00	0.00	-0.00	429	-0.00	0.00	0.00	-0.00
431	420.28	456.46	91.29	430	0.00	-0.00	0.00	-0.00	431	-0.00	-0.00	0.00	-0.00	432	-0.00	0.00	0.00	-0.00

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
434	420.20	459.62	91.72	433	0.00	-0.00	0.00	0.00	434	-0.00	-0.00	0.00	-0.00	435	-0.00	0.00	0.00	-0.00
437	420.19	462.77	92.15	436	0.00	-0.00	0.00	0.00	437	-0.00	-0.00	0.00	0.00	438	-0.00	0.00	0.00	-0.00
440	419.96	465.92	92.58	439	-0.00	-0.00	0.00	0.00	440	-0.00	-0.00	0.00	0.00	441	-0.00	0.00	0.00	0.00
443	419.81	469.07	93.01	442	-0.00	-0.00	-0.00	0.00	443	-0.00	-0.00	0.00	0.00	444	-0.00	0.00	0.00	0.00
446	419.63	472.22	93.44	445	-0.00	-0.00	-0.00	0.00	446	-0.00	-0.00	0.00	0.00	447	-0.00	0.00	0.00	0.00
449	419.43	475.37	93.87	448	0.00	-0.00	-0.00	0.00	449	-0.00	-0.00	-0.00	0.00	450	-0.00	0.00	0.00	0.00
452	419.20	478.52	94.30	451	-0.00	-0.00	-0.00	0.00	452	-0.00	-0.00	-0.00	0.00	453	0.00	0.00	0.00	0.00
455	418.94	481.67	94.73	454	-0.00	-0.00	-0.00	0.00	455	-0.00	-0.00	-0.00	0.00	456	0.00	0.00	-0.00	0.00
458	418.68	484.81	95.16	457	0.00	-0.00	-0.00	0.00	458	-0.00	-0.00	-0.00	0.00	459	-0.00	0.00	-0.00	0.00
461	418.39	487.95	95.59	460	-0.00	-0.00	-0.00	0.00	461	-0.00	-0.00	-0.00	0.00	462	-0.00	0.00	-0.00	0.00
464	418.07	491.09	96.02	463	-0.00	-0.00	-0.00	0.00	464	0.00	-0.00	-0.00	0.00	465	0.00	0.00	-0.00	0.00
467	417.72	494.22	96.45	466	-0.00	0.00	-0.00	0.00	467	-0.00	-0.00	-0.00	0.00	468	-0.00	-0.00	-0.00	0.00
470	417.36	497.36	96.88	469	-0.00	0.00	-0.00	0.00	470	0.00	-0.00	-0.00	0.00	471	0.00	-0.00	-0.00	0.00
473	416.97	500.49	97.31	472	0.00	0.00	-0.00	-0.00	473	-0.00	-0.00	-0.00	-0.00	474	-0.00	-0.00	-0.00	-0.00
476	416.56	503.62	97.74	475	0.00	0.00	-0.00	-0.00	476	-0.00	-0.00	-0.00	-0.00	477	-0.00	-0.00	-0.00	-0.00
479	416.12	506.74	98.17	478	-0.00	0.00	-0.00	-0.00	479	0.00	-0.00	-0.00	-0.00	480	0.00	-0.00	-0.00	-0.00
482	415.66	509.86	98.60	481	0.00	-0.00	-0.00	-0.00	482	-0.00	-0.00	-0.00	-0.00	483	-0.00	0.00	-0.00	-0.00
485	415.17	512.98	99.03	484	0.00	-0.00	-0.00	0.00	485	-0.00	-0.00	-0.00	0.00	486	-0.00	0.00	-0.00	0.00
488	414.67	516.09	99.46	487	0.00	0.00	0.00	0.00	488	0.00	-0.00	-0.00	0.00	489	-0.00	-0.00	-0.00	0.00
491	414.14	519.20	99.89	490	0.00	0.00	0.00	0.00	491	0.00	-0.00	0.00	0.00	492	0.00	-0.00	-0.00	0.00
494	413.58	522.31	100.32	493	-0.00	0.00	0.00	0.00	494	0.00	-0.00	0.00	0.00	495	0.00	-0.00	-0.00	-0.00
497	413.01	525.42	100.75	496	0.00	0.00	0.00	-0.00	497	0.00	-0.00	-0.00	-0.00	498	0.00	-0.00	-0.00	-0.00
500	412.41	528.51	101.18	499	0.00	0.00	0.00	-0.00	500	-0.00	-0.00	-0.00	-0.00	501	-0.00	-0.00	-0.00	-0.00
503	411.78	531.60	101.61	502	0.00	0.00	-0.00	-0.00	503	0.00	-0.00	-0.00	0.00	504	0.00	-0.00	-0.00	0.00
506	411.14	534.69	102.04	505	-0.00	0.00	-0.00	-0.00	506	0.00	-0.00	-0.00	-0.00	507	0.00	-0.00	-0.00	-0.00
509	410.47	537.77	102.47	508	-0.00	0.00	-0.00	-0.00	509	-0.00	-0.00	-0.00	-0.00	510	0.00	-0.00	-0.00	-0.00
512	409.77	540.85	102.90	511	-0.00	-0.00	-0.00	-0.00	512	0.00	-0.00	-0.00	-0.00	513	0.00	0.00	-0.00	-0.00
515	409.06	543.92	103.33	514	0.00	-0.00	-0.00	-0.00	515	-0.00	-0.00	-0.00	-0.00	516	-0.00	0.00	-0.00	-0.00
518	408.32	546.99	103.76	517	0.00	-0.00	-0.00	-0.00	518	-0.00	-0.00	-0.00	-0.00	519	-0.00	0.00	-0.00	-0.00
521	407.56	550.05	104.19	520	0.00	-0.00	-0.00	0.00	521	-0.00	-0.00	-0.00	0.00	522	-0.00	0.00	-0.00	0.00
524	406.77	553.11	104.62	523	-0.00	-0.00	-0.00	0.00	524	-0.00	-0.00	-0.00	0.00	525	-0.00	0.00	-0.00	0.00
527	405.97	556.16	105.05	526	-0.00	-0.00	-0.00	0.00	527	-0.00	-0.00	-0.00	0.00	528	-0.00	0.00	-0.00	0.00
530	405.13	559.20	105.48	529	-0.00	0.00	-0.00	0.00	530	-0.00	-0.00	-0.00	0.00	531	0.00	-0.00	-0.00	0.00
533	404.28	562.24	105.91	532	-0.00	0.00	-0.00	0.00	533	0.00	-0.00	-0.00	-0.00	534	0.00	-0.00	-0.00	-0.00
536	403.41	565.27	106.34	535	0.00	-0.00	-0.00	-0.00	536	0.00	-0.00	-0.00	-0.00	537	-0.00	0.00	-0.00	-0.00
539	402.51	568.29	106.77	538	0.00	-0.00	-0.00	-0.00	539	-0.00	-0.00	-0.00	-0.00	540	-0.00	0.00	-0.00	-0.00

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
542	401.58	571.31	107.20	541	0.00	-0.00	-0.00	0.00	542	-0.00	-0.00	0.00	0.00	543	-0.00	0.00	0.00	0.00
545	400.64	574.32	107.63	544	0.00	-0.00	0.00	0.00	545	0.00	-0.00	0.00	0.00	546	0.00	-0.00	0.00	0.00
548	399.67	577.32	108.06	547	0.00	0.00	0.00	0.00	548	-0.00	-0.00	0.00	0.00	549	-0.00	-0.00	0.00	0.00
551	398.68	580.32	108.49	550	0.00	0.00	0.00	0.00	551	0.00	-0.00	0.00	0.00	552	-0.00	-0.00	0.00	0.00
554	397.67	583.31	108.92	553	-0.00	0.00	0.00	0.00	554	0.00	-0.00	0.00	0.00	555	0.00	-0.00	0.00	0.00
557	396.64	586.29	109.35	556	-0.00	0.00	0.00	-0.00	557	0.00	-0.00	0.00	-0.00	558	0.00	-0.00	0.00	-0.00
560	395.58	589.26	109.78	559	0.00	0.00	0.00	-0.00	560	0.00	-0.00	0.00	-0.00	561	0.00	-0.00	0.00	-0.00
563	394.50	592.23	110.21	562	0.00	0.00	0.00	-0.00	563	0.00	-0.00	0.00	-0.00	564	0.00	-0.00	0.00	-0.00
566	393.40	595.18	110.64	565	0.00	0.00	0.00	-0.00	566	0.00	-0.00	0.00	-0.00	567	0.00	-0.00	0.00	-0.00
569	392.28	598.13	111.07	568	0.00	0.00	0.00	-0.00	569	0.00	-0.00	0.00	-0.00	570	0.00	-0.00	0.00	-0.00
572	391.13	601.07	111.50	571	-0.00	0.00	0.00	-0.00	572	-0.00	-0.00	0.00	-0.00	573	-0.00	-0.00	0.00	-0.00
575	390.73	602.10	111.65	574	0.00	0.00	0.00	-0.00	575	0.00	-0.00	0.00	-0.00	576	-0.00	-0.00	0.00	-0.00
578	390.32	603.12	111.80	577	-0.00	0.00	0.00	-0.00	578	0.00	-0.00	0.00	-0.00	579	-0.00	-0.00	0.00	-0.00
581	389.91	604.14	111.95	580	0.00	0.00	0.00	-0.00	581	0.00	-0.00	0.00	-0.00	582	-0.00	-0.00	0.00	-0.00
584	389.50	605.16	112.10	583	0.00	-0.00	-0.00	-0.00	584	0.00	-0.00	0.00	-0.00	585	-0.00	-0.00	0.00	-0.00
587	389.08	606.18	112.25	586	-0.00	-0.00	-0.00	-0.00	587	-0.00	-0.00	-0.00	-0.00	588	0.00	0.00	-0.00	-0.00
590	388.67	607.20	112.40	589	0.00	-0.00	-0.00	-0.00	590	-0.00	-0.00	-0.00	-0.00	591	-0.00	0.00	-0.00	-0.00
593	388.24	608.21	112.55	592	0.00	-0.00	-0.00	-0.00	593	0.00	-0.00	-0.00	-0.00	594	0.00	0.00	-0.00	-0.00
596	387.82	609.23	112.70	595	-0.00	-0.00	-0.00	-0.00	596	-0.00	-0.00	-0.00	0.00	597	-0.00	0.00	-0.00	-0.00
599	387.40	610.24	112.85	598	0.00	-0.00	-0.00	-0.00	599	0.00	-0.00	-0.00	-0.00	600	-0.00	0.00	-0.00	-0.00
602	386.97	611.26	113.00	601	-0.00	-0.00	-0.00	0.00	602	0.00	-0.00	-0.00	-0.00	603	0.00	0.00	-0.00	-0.00
605	386.88	611.39	113.02	604	-0.00	-0.00	-0.00	0.00	605	-0.00	0.00	-0.00	-0.00	606	-0.00	0.00	-0.00	-0.00
608	386.11	613.20	113.29	607	0.00	-0.00	-0.00	-0.00	608	0.00	0.00	-0.00	-0.00	609	0.00	0.00	-0.00	-0.00
611	385.33	615.01	113.56	610	0.00	-0.00	-0.00	-0.00	611	0.00	0.00	-0.00	-0.00	612	-0.00	0.00	-0.00	0.00
614	384.54	616.81	113.83	613	0.00	-0.00	-0.00	0.00	614	0.00	0.00	-0.00	0.00	615	0.00	0.00	-0.00	0.00
617	383.74	618.61	114.09	616	0.00	-0.00	-0.00	0.00	617	-0.00	0.00	-0.00	0.00	618	-0.00	0.00	-0.00	0.00
620	382.93	620.41	114.36	619	0.00	-0.00	-0.00	0.00	620	-0.00	0.00	-0.00	0.00	621	-0.00	0.00	-0.00	0.00
623	382.11	622.20	114.63	622	0.00	-0.00	-0.00	0.00	623	0.00	-0.00	-0.00	0.00	624	0.00	0.00	-0.00	0.00
626	381.29	623.98	114.90	625	0.00	-0.00	-0.00	0.00	626	0.00	-0.00	-0.00	0.00	627	0.00	0.00	-0.00	0.00
629	380.45	625.77	115.17	628	-0.00	-0.00	-0.00	0.00	629	-0.00	-0.00	-0.00	-0.00	630	0.00	-0.00	-0.00	-0.00
632	379.61	627.55	115.44	631	-0.00	0.00	-0.00	-0.00	632	0.00	-0.00	-0.00	-0.00	633	0.00	-0.00	-0.00	-0.00
635	378.76	629.32	115.70	634	-0.00	-0.00	-0.00	-0.00	635	-0.00	-0.00	-0.00	-0.00	636	-0.00	0.00	-0.00	-0.00
638	377.91	631.09	115.97	637	0.00	-0.00	-0.00	-0.00	638	0.00	-0.00	-0.00	-0.00	639	0.00	0.00	-0.00	-0.00
641	377.04	632.86	116.24	640	-0.00	-0.00	-0.00	-0.00	641	-0.00	0.00	-0.00	-0.00	642	-0.00	0.00	-0.00	-0.00
644	376.16	634.63	116.51	643	0.00	-0.00	-0.00	-0.00	644	0.00	0.00	-0.00	-0.00	645	-0.00	0.00	-0.00	-0.00
647	375.28	636.39	116.78	646	0.00	-0.00	-0.00	-0.00	647	-0.00	0.00	-0.00	-0.00	648	-0.00	0.00	-0.00	-0.00

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
650	374.39	638.14	117.05	649	0.00	-0.00	-0.00	-0.00	650	-0.00	0.00	-0.00	-0.00	651	-0.00	0.00	-0.00	-0.00
653	373.49	639.89	117.31	652	-0.00	-0.00	-0.00	0.00	653	-0.00	0.00	-0.00	0.00	654	-0.00	0.00	-0.00	-0.00
656	372.58	641.64	117.58	655	0.00	-0.00	-0.00	0.00	656	0.00	0.00	-0.00	-0.00	657	0.00	0.00	-0.00	-0.00
659	371.67	643.38	117.85	658	0.00	-0.00	-0.00	0.00	659	-0.00	0.00	-0.00	0.00	660	-0.00	0.00	-0.00	0.00
662	370.74	645.12	118.12	661	0.00	-0.00	-0.00	0.00	662	-0.00	0.00	-0.00	0.00	663	-0.00	0.00	-0.00	0.00
665	369.81	646.85	118.39	664	-0.00	-0.00	-0.00	0.00	665	-0.00	0.00	-0.00	0.00	666	-0.00	0.00	-0.00	0.00
668	368.87	648.58	118.66	667	-0.00	-0.00	-0.00	0.00	668	0.00	0.00	-0.00	0.00	669	0.00	0.00	-0.00	0.00
671	368.80	648.72	118.68	670	0.00	0.00	-0.00	0.00	671	0.00	0.00	-0.00	0.00	672	0.00	0.00	-0.00	0.00
674	367.64	650.82	119.00	673	-0.00	0.00	-0.00	0.00	674	-0.00	0.00	-0.00	0.00	675	-0.00	0.00	-0.00	0.00
677	366.48	652.91	119.33	676	0.00	0.00	-0.00	0.00	677	-0.00	0.00	-0.00	0.00	678	-0.00	0.00	-0.00	0.00
680	365.30	654.99	119.66	679	-0.00	0.00	-0.00	0.00	680	-0.00	0.00	-0.00	0.00	681	0.00	-0.00	-0.00	-0.00
683	364.11	657.06	119.98	682	0.00	0.00	-0.00	-0.00	683	-0.00	0.00	-0.00	0.00	684	-0.00	-0.00	-0.00	0.00
686	362.91	659.13	120.31	685	0.00	0.00	-0.00	0.00	686	-0.00	0.00	-0.00	0.00	687	-0.00	-0.00	-0.00	0.00
689	361.70	661.19	120.63	688	-0.00	0.00	-0.00	0.00	689	-0.00	0.00	-0.00	0.00	690	-0.00	-0.00	-0.00	0.00
692	360.47	663.25	120.96	691	0.00	0.00	-0.00	0.00	692	0.00	0.00	-0.00	0.00	693	0.00	-0.00	-0.00	-0.00
695	359.24	665.30	121.29	694	-0.00	0.00	-0.00	-0.00	695	0.00	0.00	-0.00	-0.00	696	0.00	-0.00	-0.00	-0.00
698	357.99	667.34	121.61	697	0.00	0.00	-0.00	-0.00	698	0.00	0.00	-0.00	-0.00	699	0.00	-0.00	-0.00	0.00
701	356.73	669.37	121.94	700	-0.00	0.00	-0.00	-0.00	701	-0.00	0.00	-0.00	0.00	702	0.00	-0.00	-0.00	-0.00
704	355.46	671.40	122.26	703	-0.00	0.00	-0.00	-0.00	704	0.00	0.00	-0.00	-0.00	705	0.00	-0.00	-0.00	-0.00
707	354.17	673.42	122.59	706	0.00	0.00	-0.00	-0.00	707	-0.00	0.00	-0.00	-0.00	708	-0.00	0.00	-0.00	-0.00
710	352.88	675.43	122.92	709	0.00	-0.00	-0.00	-0.00	710	-0.00	0.00	-0.00	-0.00	711	-0.00	0.00	-0.00	0.00
713	351.57	677.43	123.24	712	-0.00	-0.00	-0.00	0.00	713	0.00	0.00	-0.00	0.00	714	0.00	0.00	-0.00	-0.00
716	350.26	679.43	123.57	715	-0.00	-0.00	-0.00	-0.00	716	-0.00	0.00	-0.00	-0.00	717	-0.00	0.00	-0.00	-0.00
719	348.93	681.42	123.89	718	0.00	-0.00	-0.00	-0.00	719	-0.00	0.00	-0.00	-0.00	720	-0.00	0.00	-0.00	-0.00
722	347.59	683.40	124.22	721	0.00	-0.00	-0.00	-0.00	722	-0.00	0.00	-0.00	-0.00	723	-0.00	0.00	-0.00	0.00
725	346.24	685.37	124.55	724	0.00	-0.00	-0.00	0.00	725	-0.00	0.00	-0.00	0.00	726	-0.00	0.00	-0.00	0.00
728	344.88	687.34	124.87	727	0.00	-0.00	-0.00	0.00	728	-0.00	0.00	-0.00	0.00	729	-0.00	0.00	-0.00	0.00
731	343.50	689.30	125.20	730	-0.00	0.00	-0.00	0.00	731	0.00	0.00	-0.00	0.00	732	0.00	0.00	-0.00	0.00
734	342.12	691.25	125.52	733	-0.00	0.00	-0.00	0.00	734	-0.00	0.00	-0.00	0.00	735	-0.00	0.00	-0.00	0.00
737	340.72	693.19	125.85	736	0.00	0.00	-0.00	0.00	737	0.00	0.00	-0.00	0.00	738	0.00	0.00	-0.00	-0.00
740	339.32	695.13	126.18	739	-0.00	0.00	-0.00	-0.00	740	-0.00	0.00	-0.00	-0.00	741	0.00	-0.00	-0.00	-0.00
743	337.90	697.05	126.50	742	-0.00	0.00	-0.00	-0.00	743	-0.00	0.00	-0.00	-0.00	744	0.00	0.00	-0.00	-0.00
746	336.47	698.97	126.83	745	-0.00	-0.00	-0.00	-0.00	746	-0.00	0.00	-0.00	-0.00	747	0.00	0.00	-0.00	-0.00
749	335.03	700.88	127.15	748	0.00	-0.00	-0.00	-0.00	749	-0.00	0.00	-0.00	-0.00	750	-0.00	0.00	-0.00	-0.00
752	333.58	702.79	127.48	751	0.00	-0.00	-0.00	0.00	752	-0.00	0.00	-0.00	-0.00	753	-0.00	0.00	-0.00	0.00
755	332.12	704.68	127.81	754	0.00	-0.00	-0.00	0.00	755	0.00	0.00	-0.00	0.00	756	-0.00	0.00	-0.00	0.00

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
758	330.65	706.57	128.13	757	0.00	-0.00	-0.00	0.00	758	-0.00	0.00	-0.00	0.00	759	-0.00	0.00	-0.00	0.00
761	329.17	708.44	128.46	760	-0.00	0.00	-0.00	0.00	761	0.00	0.00	-0.00	0.00	762	0.00	0.00	-0.00	0.00
764	327.67	710.31	128.78	763	0.00	0.00	-0.00	0.00	764	-0.00	0.00	-0.00	0.00	765	-0.00	-0.00	-0.00	0.00
767	326.17	712.17	129.11	766	-0.00	0.00	-0.00	0.00	767	0.00	0.00	-0.00	0.00	768	0.00	-0.00	-0.00	0.00
770	324.66	714.02	129.44	769	-0.00	0.00	-0.00	0.00	770	0.00	0.00	-0.00	0.00	771	0.00	-0.00	-0.00	0.00
773	323.13	715.87	129.76	772	-0.00	0.00	-0.00	-0.00	773	-0.00	0.00	-0.00	-0.00	774	-0.00	-0.00	-0.00	-0.00
776	321.60	717.70	130.09	775	0.00	0.00	-0.00	-0.00	776	0.00	0.00	-0.00	-0.00	777	0.00	-0.00	-0.00	-0.00
779	320.05	719.53	130.41	778	0.00	0.00	-0.00	-0.00	779	-0.00	0.00	-0.00	-0.00	780	-0.00	-0.00	-0.00	-0.00
782	318.50	721.34	130.74	781	0.00	0.00	-0.00	-0.00	782	-0.00	0.00	-0.00	-0.00	783	-0.00	-0.00	-0.00	-0.00
785	316.93	723.15	131.07	784	0.00	0.00	-0.00	-0.00	785	0.00	0.00	-0.00	-0.00	786	-0.00	0.00	-0.00	-0.00
788	315.35	724.95	131.39	787	0.00	0.00	-0.00	0.00	788	-0.00	0.00	-0.00	0.00	789	-0.00	0.00	-0.00	0.00
791	313.77	726.74	131.72	790	-0.00	0.00	-0.00	0.00	791	0.00	0.00	-0.00	0.00	792	0.00	-0.00	-0.00	0.00
794	312.17	728.52	132.04	793	-0.00	0.00	-0.00	-0.00	794	0.00	0.00	-0.00	0.00	795	0.00	-0.00	-0.00	0.00
797	310.56	730.29	132.37	796	0.00	0.00	-0.00	-0.00	797	0.00	0.00	-0.00	-0.00	798	0.00	-0.00	-0.00	-0.00
800	308.94	732.06	132.70	799	-0.00	0.00	-0.00	-0.00	800	-0.00	0.00	-0.00	-0.00	801	-0.00	-0.00	-0.00	-0.00
803	307.32	733.81	133.02	802	-0.00	0.00	-0.00	-0.00	803	0.00	0.00	-0.00	-0.00	804	0.00	-0.00	-0.00	-0.00
806	305.68	735.55	133.35	805	0.00	0.00	-0.00	-0.00	806	-0.00	0.00	-0.00	-0.00	807	-0.00	0.00	-0.00	-0.00
809	304.03	737.29	133.68	808	0.00	0.00	-0.00	0.00	809	0.00	0.00	-0.00	0.00	810	-0.00	0.00	-0.00	-0.00
812	302.38	739.01	134.00	811	0.00	0.00	-0.00	0.00	812	0.00	0.00	-0.00	0.00	813	-0.00	0.00	-0.00	0.00
815	300.71	740.73	134.33	814	-0.00	0.00	-0.00	-0.00	815	0.00	0.00	-0.00	-0.00	816	0.00	0.00	0.00	-0.00
818	299.03	742.44	134.65	817	-0.00	0.00	-0.00	-0.00	818	0.00	0.00	-0.00	-0.00	819	0.00	0.00	-0.00	-0.00
821	297.35	744.13	134.98	820	0.00	0.00	-0.00	-0.00	821	-0.00	0.00	-0.00	-0.00	822	-0.00	0.00	-0.00	-0.00
824	295.65	745.82	135.31	823	0.00	0.00	-0.00	-0.00	824	-0.00	0.00	-0.00	-0.00	825	-0.00	0.00	-0.00	-0.00
827	293.95	747.50	135.63	826	-0.00	0.00	-0.00	-0.00	827	-0.00	0.00	-0.00	-0.00	828	0.00	0.00	-0.00	-0.00
830	292.23	749.16	135.96	829	-0.00	-0.00	-0.00	-0.00	830	0.00	0.00	-0.00	-0.00	831	0.00	0.00	-0.00	-0.00
833	290.51	750.82	136.28	832	-0.00	-0.00	-0.00	-0.00	833	0.00	0.00	-0.00	-0.00	834	0.00	0.00	-0.00	-0.00
836	288.77	752.47	136.61	835	0.00	-0.00	-0.00	-0.00	836	-0.00	0.00	-0.00	-0.00	837	-0.00	0.00	-0.00	-0.00
839	287.03	754.11	136.94	838	0.00	-0.00	-0.00	-0.00	839	-0.00	0.00	-0.00	-0.00	840	-0.00	0.00	-0.00	-0.00
842	285.28	755.74	137.26	841	0.00	-0.00	-0.00	0.00	842	-0.00	0.00	-0.00	0.00	843	-0.00	0.00	-0.00	-0.00
845	283.52	757.36	137.59	844	-0.00	-0.00	-0.00	0.00	845	-0.00	0.00	-0.00	0.00	846	0.00	0.00	-0.00	0.00
848	280.57	760.02	138.13	847	-0.00	-0.00	-0.00	0.00	848	-0.00	0.00	-0.00	0.00	849	-0.00	0.00	-0.00	0.00
851	277.60	762.66	138.67	850	-0.00	0.00	-0.00	0.00	851	0.00	0.00	-0.00	0.00	852	0.00	0.00	-0.00	-0.00
854	274.61	765.27	139.21	853	-0.00	0.00	-0.00	-0.00	854	0.00	0.00	-0.00	-0.00	855	0.00	0.00	-0.00	-0.00
857	271.59	767.85	139.75	856	0.00	0.00	0.00	0.00	857	-0.00	0.00	-0.00	-0.00	858	-0.00	0.00	-0.00	-0.00
860	268.55	770.40	140.29	859	0.00	0.00	0.00	0.00	860	0.00	0.00	0.00	0.00	861	0.00	0.00	0.00	0.00
863	265.48	772.92	140.84	862	0.00	0.00	0.00	0.00	863	0.00	0.00	0.00	0.00	864	0.00	-0.00	0.00	0.00

ter Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
866	262.39	775.41	141.38	865	0.00	0.00	0.00	0.00	866	0.00	0.00	0.00	0.00	867	-0.00	-0.00	0.00	0.00
869	259.28	777.88	141.92	868	-0.00	0.00	0.00	-0.00	869	0.00	0.00	0.00	0.00	870	0.00	-0.00	0.00	0.00
872	256.14	780.31	142.46	871	-0.00	0.00	0.00	-0.00	872	0.00	0.00	0.00	-0.00	873	0.00	-0.00	0.00	-0.00
875	252.98	782.72	143.00	874	0.00	0.00	0.00	-0.00	875	-0.00	0.00	0.00	-0.00	876	-0.00	0.00	0.00	-0.00
878	251.49	783.85	143.26	877	0.00	-0.00	0.00	-0.00	878	-0.00	0.00	0.00	0.00	879	0.00	0.00	0.00	-0.00
881	249.98	784.97	143.51	880	-0.00	-0.00	0.00	-0.00	881	-0.00	0.00	0.00	-0.00	882	0.00	0.00	0.00	-0.00
884	247.27	786.96	143.97	883	0.00	-0.00	0.00	-0.00	884	0.00	0.00	0.00	-0.00	885	-0.00	0.00	0.00	-0.00
887	244.55	788.92	144.43	886	0.00	-0.00	0.00	-0.00	887	0.00	0.00	0.00	-0.00	888	-0.00	0.00	0.00	-0.00
890	241.81	790.87	144.89	889	0.00	-0.00	0.00	-0.00	890	-0.00	0.00	0.00	-0.00	891	-0.00	0.00	0.00	-0.00
893	239.05	792.79	145.34	892	0.00	-0.00	0.00	0.00	893	0.00	0.00	0.00	0.00	894	-0.00	0.00	0.00	0.00
896	236.28	794.69	145.80	895	0.00	-0.00	0.00	0.00	896	-0.00	0.00	0.00	0.00	897	-0.00	0.00	0.00	0.00
899	233.49	796.57	146.26	898	0.00	-0.00	0.00	0.00	899	-0.00	0.00	0.00	0.00	900	-0.00	0.00	0.00	0.00
902	230.69	798.42	146.72	901	0.00	-0.00	0.00	0.00	902	0.00	0.00	0.00	0.00	903	0.00	0.00	0.00	0.00
905	225.89	801.86	147.52	904	0.00	-0.00	0.00	0.00	905	0.00	0.00	0.00	0.00	906	0.00	0.00	0.00	0.00
908	221.39	805.68	148.32	907	0.00	-0.00	0.00	0.00	908	0.00	0.00	0.00	0.00	909	0.00	0.00	0.00	0.00
911	217.22	809.87	149.09	910	0.00	0.00	0.00	0.00	911	0.00	0.00	0.00	0.00	912	0.00	0.00	0.00	0.00
914	213.41	814.38	149.85	913	0.00	0.00	0.00	0.00	914	0.00	0.00	0.00	0.00	915	0.00	0.00	0.00	0.00
917	209.99	819.19	150.57	916	0.00	0.00	0.00	0.00	917	-0.00	0.00	0.00	0.00	918	-0.00	0.00	0.00	0.00
920	206.97	824.26	151.25	919	0.00	0.00	0.00	0.00	920	0.00	0.00	0.00	0.00	921	0.00	0.00	0.00	0.00
923	204.38	829.57	151.89	922	0.00	0.00	0.00	0.00	923	0.00	0.00	0.00	0.00	924	-0.00	0.00	0.00	0.00
926	202.23	835.08	152.47	925	0.00	0.00	0.00	0.00	926	0.00	0.00	0.00	0.00	927	0.00	0.00	0.00	0.00
929	200.55	840.74	153.01	928	0.00	0.00	0.00	0.00	929	0.00	0.00	0.00	0.00	930	0.00	0.00	0.00	0.00
932	199.34	846.52	153.48	931	-0.00	0.00	0.00	0.00	932	-0.00	0.00	0.00	0.00	933	-0.00	0.00	0.00	0.00
935	198.61	852.38	153.90	934	0.00	0.00	0.00	0.00	935	-0.00	0.00	0.00	0.00	936	-0.00	0.00	0.00	0.00
938	198.37	858.28	154.25	937	-0.00	0.00	0.00	-0.00	938	-0.00	0.00	0.00	0.00	939	-0.00	0.00	0.00	0.00
941	198.31	858.78	154.28	940	0.00	0.00	0.00	-0.00	941	-0.00	0.00	0.00	0.00	942	-0.00	-0.00	0.00	0.00
944	198.32	860.78	154.39	943	0.00	0.00	0.00	-0.00	944	-0.00	0.00	0.00	0.00	945	-0.00	-0.00	0.00	0.00
947	198.32	862.78	154.50	946	0.00	0.00	0.00	-0.00	947	0.00	0.00	0.00	0.00	948	-0.00	-0.00	-0.00	0.00
950	198.32	863.78	154.55	949	-0.00	0.00	0.00	-0.00	950	-0.00	0.00	0.00	-0.00	951	0.00	-0.00	-0.00	-0.00
953	198.32	864.78	154.61	952	-0.00	0.00	0.00	-0.00	953	-0.00	0.00	0.00	-0.00	954	-0.00	-0.00	-0.00	-0.00
956	198.32	865.78	154.66	955	-0.00	0.00	0.00	-0.00	956	-0.00	0.00	0.00	-0.00	957	0.00	-0.00	-0.00	-0.00
959	198.32	866.78	154.71	958	0.00	0.00	0.00	-0.00	959	0.00	0.00	-0.00	-0.00	960	-0.00	-0.00	-0.00	-0.00
962	198.32	867.78	154.76	961	0.00	0.00	-0.00	-0.00	962	0.00	0.00	-0.00	-0.00	963	-0.00	0.00	-0.00	-0.00
965	198.32	868.83	154.82	964	0.00	0.00	-0.00	-0.00	965	0.00	0.00	-0.00	-0.00	966	-0.00	0.00	-0.00	-0.00
968	198.32	869.88	154.87	967	-0.00	0.00	-0.00	-0.00	968	-0.00	0.00	-0.00	-0.00	969	-0.00	0.00	-0.00	-0.00
971	198.32	870.93	154.93	970	-0.00	-0.00	-0.00	-0.00	971	0.00	0.00	-0.00	-0.00	972	0.00	0.00	-0.00	-0.00

ster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Radial SX (psi)	Outside Nodes Meridional SY (psi)	Outside Nodes Hoop SZ (psi)	Outside Nodes SXY (psi)	Middle Nodes Radial SX (psi)	Middle Nodes Meridional SY (psi)	Middle Nodes Hoop SZ (psi)	Middle Nodes SXY (psi)	Inside Nodes Radial SX (psi)	Inside Nodes Meridional SY (psi)	Inside Nodes Hoop SZ (psi)	Inside Nodes SXY (psi)
974	198.32	871.98	154.98	0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
977	198.32	873.03	155.04	0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
980	198.32	874.06	155.09	-0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
983	198.32	875.13	155.15	0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00
986	198.32	876.18	155.20	-0.00	-0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00
989	198.32	877.23	155.25	0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
992	198.32	878.28	155.31	-0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
995	198.32	880.55	155.42	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
998	198.32	882.81	155.53	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00
1001	198.32	885.08	155.64	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00
1004	198.32	887.34	155.75	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	0.00
1007	198.32	889.61	155.86	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00
1010	198.32	891.88	155.97	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
1013	198.32	894.14	156.08	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00
1016	198.32	896.41	156.19	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00
1019	198.32	898.67	156.29	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
1022	198.32	900.94	156.40	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
1025	198.32	903.20	156.50	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
1028	198.32	905.47	156.61	0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00
1031	198.32	907.73	156.71	0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
1034	198.32	910.00	156.81	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
1037	198.32	912.27	156.91	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00
1040	198.32	914.53	157.01	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
1043	198.32	916.80	157.11	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00
1046	198.32	919.06	157.21	-0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00
1049	198.32	921.33	157.31	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00
1052	198.32	923.59	157.41	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00
1055	198.32	925.86	157.50	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00
1058	198.32	928.13	157.60	0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00
1061	198.32	930.39	157.69	-0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	-0.00
1064	198.32	932.66	157.79	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00
1067	198.32	934.92	157.88	0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	0.00
1070	198.32	937.19	157.97	0.00	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
1073	198.32	939.45	158.06	-0.00	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
1076	198.32	941.72	158.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00
1079	198.32	943.98	158.25												

31-Oct-90

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yster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1082	198.32	946.25	158.34	1081	0.00	0.00	0.00	0.00	1082	0.00	0.00	0.00	0.00	1083	0.00	-0.00	0.00	0.00
1085	198.32	948.25	158.41	1084	-0.00	0.00	0.00	0.00	1085	0.00	0.00	0.00	0.00	1086	0.00	-0.00	0.00	0.00
1088	198.32	950.25	158.49	1087	0.00	0.00	0.00	-0.00	1088	0.00	0.00	0.00	-0.00	1089	0.00	-0.00	0.00	-0.00
1091	198.32	952.25	158.57	1090	-0.00	0.00	0.00	-0.00	1091	0.00	0.00	0.00	-0.00	1092	0.00	-0.00	0.00	-0.00
1094	198.32	954.25	158.65	1093	-0.00	0.00	0.00	-0.00	1094	-0.00	0.00	0.00	-0.00	1095	0.00	-0.00	0.00	-0.00
1097	198.32	956.25	158.72	1096	0.00	0.00	0.00	-0.00	1097	0.00	0.00	0.00	-0.00	1098	0.00	0.00	0.00	-0.00
1100	198.32	957.20	158.76	1099	0.00	0.00	0.00	-0.00	1100	-0.00	0.00	0.00	-0.00	1101	-0.00	0.00	0.00	-0.00
1103	198.32	958.16	158.79	1102	0.00	0.00	0.00	-0.00	1103	0.00	0.00	0.00	-0.00	1104	-0.00	0.00	0.00	-0.00
1106	198.32	959.11	158.83	1105	0.00	0.00	0.00	-0.00	1106	0.00	0.00	0.00	-0.00	1107	0.00	0.00	0.00	-0.00
1109	198.32	960.06	158.87	1108	-0.00	0.00	0.00	-0.00	1109	-0.00	0.00	0.00	-0.00	1110	-0.00	0.00	0.00	-0.00
1112	198.32	961.01	158.90	1111	0.00	0.00	0.00	-0.00	1112	0.00	0.00	0.00	-0.00	1113	0.00	0.00	0.00	-0.00
1115	198.32	961.97	158.94	1114	0.00	0.00	0.00	0.00	1115	0.00	0.00	0.00	0.00	1116	-0.00	0.00	0.00	-0.00
1118	198.32	962.92	158.97	1117	0.00	0.00	0.00	0.00	1118	-0.00	0.00	0.00	0.00	1119	-0.00	0.00	0.00	0.00
1121	198.32	963.87	159.01	1120	0.00	0.00	0.00	0.00	1121	0.00	0.00	0.00	0.00	1122	-0.00	0.00	0.00	0.00
1124	198.32	964.82	159.04	1123	-0.00	0.00	0.00	0.00	1124	-0.00	0.00	0.00	0.00	1125	-0.00	0.00	0.00	0.00
1127	198.32	965.78	159.08	1126	0.00	0.00	0.00	0.00	1127	0.00	0.00	0.00	0.00	1128	0.00	0.00	0.00	-0.00
1130	198.32	965.88	159.08	1129	0.00	0.00	0.00	0.00	1130	0.00	0.00	0.00	0.00	1131	0.00	0.00	0.00	0.00
1133	198.32	966.25	159.10	1132	0.00	0.00	0.00	0.00	1133	0.00	0.00	0.00	0.00	1134	0.00	-0.00	0.00	0.00
1136	198.32	966.63	159.11	1135	0.00	0.00	0.00	0.00	1136	-0.00	0.00	0.00	0.00	1137	-0.00	-0.00	0.00	0.00
1139	198.32	966.73	159.11	1138	-0.00	0.00	0.00	0.00	1139	-0.00	0.00	0.00	0.00	1140	-0.00	-0.00	0.00	-0.00
1142	198.32	967.73	159.15	1141	0.00	0.00	0.00	0.00	1142	0.00	0.00	0.00	0.00	1143	-0.00	-0.00	0.00	0.00
1145	198.32	968.73	159.19	1144	-0.00	0.00	0.00	-0.00	1145	-0.00	0.00	0.00	0.00	1146	-0.00	-0.00	0.00	0.00
1148	198.32	969.73	159.22	1147	-0.00	0.00	0.00	-0.00	1148	-0.00	0.00	0.00	-0.00	1149	0.00	-0.00	0.00	-0.00
1151	198.32	970.73	159.26	1150	0.00	0.00	0.00	-0.00	1151	0.00	0.00	0.00	-0.00	1152	-0.00	-0.00	0.00	-0.00
1154	198.32	971.73	159.30	1153	0.00	0.00	0.00	-0.00	1154	-0.00	0.00	0.00	-0.00	1155	-0.00	-0.00	0.00	-0.00
1157	198.32	972.73	159.33	1156	-0.00	0.00	0.00	-0.00	1157	0.00	0.00	0.00	-0.00	1158	0.00	-0.00	0.00	-0.00
1160	198.32	973.73	159.37	1159	-0.00	0.00	0.00	-0.00	1160	-0.00	0.00	0.00	-0.00	1161	0.00	-0.00	0.00	-0.00
1163	198.32	974.73	159.40	1162	-0.00	0.00	0.00	-0.00	1163	-0.00	0.00	0.00	-0.00	1164	-0.00	-0.00	0.00	-0.00
1166	198.32	975.73	159.44	1165	-0.00	0.00	0.00	-0.00	1166	0.00	0.00	0.00	-0.00	1167	0.00	-0.00	0.00	-0.00
1169	198.32	976.73	159.47	1168	0.00	0.00	0.00	-0.00	1169	-0.00	0.00	0.00	-0.00	1170	-0.00	0.00	0.00	-0.00
1172	198.32	978.93	159.55	1171	-0.00	-0.00	0.00	-0.00	1172	-0.00	0.00	0.00	-0.00	1173	-0.00	0.00	0.00	-0.00
1175	198.32	981.13	159.63	1174	0.00	-0.00	-0.00	-0.00	1175	0.00	0.00	-0.00	-0.00	1176	-0.00	0.00	0.00	-0.00
1178	198.32	983.33	159.71	1177	0.00	-0.00	-0.00	-0.00	1178	0.00	0.00	-0.00	-0.00	1179	-0.00	0.00	0.00	-0.00
1181	198.32	985.53	159.78	1180	0.00	-0.00	-0.00	0.00	1181	0.00	0.00	-0.00	-0.00	1182	-0.00	0.00	-0.00	-0.00
1184	198.32	987.73	159.86	1183	0.00	-0.00	-0.00	0.00	1184	-0.00	0.00	-0.00	0.00	1185	-0.00	0.00	-0.00	0.00
1187	198.32	989.94	159.93	1186	0.00	-0.00	-0.00	0.00	1187	0.00	0.00	-0.00	0.00	1188	-0.00	0.00	-0.00	0.00

yster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1190	198.32	992.14	160.01	1189	0.00	-0.00	-0.00	0.00	1190	0.00	0.00	-0.00	0.00	1191	-0.00	0.00	-0.00	0.00
1193	198.32	994.34	160.08	1192	-0.00	0.00	-0.00	0.00	1193	-0.00	0.00	-0.00	0.00	1194	-0.00	0.00	-0.00	0.00
1196	198.32	996.54	160.16	1195	0.00	0.00	0.00	0.00	1196	0.00	0.00	0.00	0.00	1197	0.00	0.00	0.00	0.00
1199	198.32	998.74	160.23	1198	0.00	0.00	0.00	0.00	1199	-0.00	0.00	0.00	0.00	1200	-0.00	0.00	0.00	0.00
1202	198.32	1000.94	160.30	1201	0.00	0.00	0.00	0.00	1202	0.00	0.00	0.00	0.00	1203	0.00	-0.00	0.00	0.00
1205	198.32	1003.15	160.37	1204	-0.00	0.00	0.00	0.00	1205	-0.00	0.00	0.00	-0.00	1206	-0.00	-0.00	0.00	-0.00
1208	198.32	1005.35	160.45	1207	-0.00	0.00	0.00	-0.00	1208	-0.00	0.00	0.00	-0.00	[illegible]9	-0.00	0.00	0.00	-0.00
1211	198.32	1007.55	160.52	1210	0.00	0.00	0.00	-0.00	121[illegible]	-0.00	0.00	0.00	-0.00	1[illegible]2	-0.00	0.00	0.00	0.00
1214	198.32	1009.75	160.59	1213	0.00	0.00	0.00	0.00	1214	-0.00	0.00	0.00	0.00	1215	-0.00	0.00	0.00	0.00
1217	198.32	1010.70	160.62	1216	-0.00	0.00	0.00	-0.00	1217	0.00	0.00	0.00	-0.00	1218	0.00	-0.00	0.00	-0.00
1220	198.32	1011.66	160.65	1219	0.00	0.00	0.00	0.00	1220	0.00	0.00	0.00	0.00	1221	-0.00	-0.00	0.00	0.00
1223	198.32	1012.61	160.68	1.22	0.00	0.00	0.00	0.00	1223	-0.00	0.00	0.00	0.00	1224	-0.00	-0.00	0.00	0.00
1226	198.32	1013.56	160.71	1225	0.00	0.00	0.00	0.00	1226	0.00	0.00	0.00	-0.00	1227	0.00	-0.00	0.00	-0.00
1229	198.32	1014.51	160.74	1228	-0.00	0.00	0.00	-0.00	1229	-0.00	0.00	0.00	-0.00	1230	-0.00	-0.00	0.00	-0.00
1232	198.32	1015.47	160.77	1231	0.00	0.00	0.00	-0.00	1232	0.00	0.00	0.00	-0.00	1233	0.00	-0.00	0.00	-0.00
1235	198.32	1016.42	160.80	1234	0.00	0.00	0.00	-0.00	1235	0.00	0.00	0.00	-0.00	1236	0.00	-0.00	0.00	-0.00
1238	198.32	1017.37	160.83	1237	0.00	0.00	0.00	-0.00	1238	0.00	0.00	0.00	-0.00	1239	0.00	0.00	0.00	-0.00
1241	198.32	1018.32	160.86	1240	-0.00	0.00	0.00	-0.00	1241	-0.00	0.00	0.00	-0.00	1242	-0.00	0.00	0.00	-0.00
1244	198.32	1019.28	160.89	1243	0.00	0.00	0.00	0.00	1244	0.00	0.00	0.00	-0.00	1245	0.00	0.00	0.00	-0.00
1247	198.32	1019.38	160.89	1246	0.00	0.00	0.00	0.00	1247	0.00	0.00	0.00	0.00	1248	0.00	0.00	0.00	0.00
1250	198.32	1019.75	160.90	1249	0.00	0.00	0.00	0.00	1250	0.00	0.00	0.00	0.00	1251	0.00	-0.00	0.00	-0.00
1253	198.32	1020.13	160.91	1252	-0.00	0.00	0.00	0.00	1253	-0.00	0.00	0.00	-0.00	1254	-0.00	-0.00	0.00	-0.00
1256	198.32	1020.23	160.92	1255	-0.00	0.00	0.00	0.00	1256	-0.00	0.00	0.00	-0.00	1257	-0.00	-0.00	0.00	-0.00
1259	198.32	1021.23	160.95	1258	0.00	0.00	0.00	-0.00	1259	0.00	0.00	0.00	-0.00	1260	0.00	-0.00	0.00	-0.00
1262	198.32	1022.23	160.98	1261	-0.00	0.00	0.00	-0.00	1262	-0.00	0.00	0.00	-0.00	1263	-0.00	-0.00	0.00	-0.00
1265	198.32	1023.23	161.01	1264	-0.00	0.00	0.00	-0.00	1265	0.00	0.00	0.00	-0.00	1266	-0.00	-0.00	0.00	-0.00
1268	198.32	1024.23	161.04	1267	0.00	0.00	0.00	-0.00	1268	-0.00	0.00	0.00	-0.00	1269	-0.00	-0.00	0.00	-0.00
1271	198.32	1025.23	161.07	1270	-0.00	0.00	0.00	-0.00	1271	-0.00	0.00	0.00	-0.00	1272	-0.00	-0.00	0.00	-0.00
1274	198.32	1026.23	161.10	1273	0.00	0.00	0.00	-0.00	1274	0.00	0.00	0.00	-0.00	1275	-0.00	-0.00	0.00	-0.00
1277	198.32	1027.23	161.13	1276	0.00	0.00	0.00	-0.00	1277	0.00	0.00	0.00	-0.00	1278	0.00	-0.00	0.00	-0.00
1280	198.32	1028.23	161.16	1279	0.00	0.00	0.00	-0.00	1280	-0.00	0.00	0.00	-0.00	1281	-0.00	-0.00	0.00	-0.00
1283	198.32	1029.23	161.19	1282	-0.00	0.00	0.00	-0.00	1283	0.00	0.00	0.00	-0.00	1284	0.00	0.00	0.00	-0.00
1286	198.32	1030.23	161.22	1285	0.00	-0.00	0.00	-0.00	1286	-0.00	0.00	0.00	-0.00	1287	-0.00	0.00	0.00	-0.00
1289	198.32	1032.65	161.29	1288	0.00	-0.00	-0.00	-0.00	1289	0.00	0.00	0.00	-0.00	1290	-0.00	0.00	0.00	0.00
1292	198.32	1035.08	161.36	1291	0.00	-0.00	-0.00	0.00	1292	-0.00	0.00	-0.00	0.00	1293	-0.00	0.00	0.00	0.00
1295	198.32	1037.51	161.44	1294	-0.00	-0.00	-0.00	0.00	1295	0.00	0.00	-0.00	0.00	1296	0.00	0.00	-0.00	0.00

yster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1298	198.32	1039.94	161.51	1297	-0.00	-0.00	-0.00	-0.00	1298	0.00	0.00	-0.00	-0.00	1299	0.00	0.00	-0.00	-0.00
1301	198.32	1042.36	161.58	1300	0.00	-0.00	-0.00	-0.00	1301	-0.00	0.00	-0.00	-0.00	1302	-0.00	0.00	0.00	-0.00
1304	198.32	1044.79	161.65	1303	0.00	-0.00	-0.00	0.00	1304	-0.00	0.00	-0.00	0.00	1305	-0.00	0.00	0.00	0.00
1307	198.32	1047.22	161.72	1306	0.00	-0.00	-0.00	0.00	1307	0.00	0.00	0.00	0.00	1308	0.00	0.00	0.00	0.00
1310	198.32	1049.65	161.78	1309	-0.00	-0.00	0.00	0.00	1310	-0.00	0.00	0.00	0.00	1311	0.00	0.00	0.00	0.00
1313	198.32	1052.07	161.85	1312	0.00	0.00	0.00	0.00	1313	-0.00	0.00	0.00	0.00	1314	-0.00	0.00	0.00	0.00
1316	198.32	1054.50	161.92	1315	0.00	0.00	0.00	0.00	1316	-0.00	0.00	0.00	0.00	1317	-0.00	0.00	0.00	0.00
1319	198.32	1055.47	161.95	1318	-0.00	0.00	0.00	0.00	1319	0.00	0.00	0.00	0.00	1320	0.00	-0.00	0.00	0.00
1322	198.32	1056.43	161.97	1321	0.00	0.00	0.00	0.00	1322	0.00	0.00	0.00	0.00	1323	-0.00	-0.00	0.00	0.00
1325	198.32	1057.40	162.00	1324	-0.00	0.00	0.00	0.00	1325	-0.00	0.00	0.00	0.00	1326	-0.00	-0.00	0.00	0.00
1328	198.32	1058.36	162.03	1327	0.00	0.00	0.00	0.00	1328	-0.00	0.00	0.00	0.00	1329	-0.00	-0.00	0.00	0.00
1331	198.32	1059.33	162.05	1330	0.00	0.00	0.00	0.00	1331	-0.00	0.00	0.00	0.00	1332	-0.00	-0.00	0.00	0.00
1334	198.32	1060.29	162.08	1333	-0.00	0.00	0.00	0.00	1334	-0.00	0.00	0.00	0.00	1335	-0.00	-0.00	0.00	0.00
1337	198.32	1061.26	162.11	1336	0.00	0.00	0.00	0.00	1337	0.00	0.00	0.00	0.00	1338	-0.00	-0.00	0.00	0.00
1340	198.32	1062.22	162.13	1339	-0.00	0.00	0.00	0.00	1340	-0.00	0.00	0.00	0.00	1341	-0.00	-0.00	0.00	0.00
1343	198.32	1063.19	162.16	1342	0.00	0.00	0.00	0.00	1343	0.00	0.00	0.00	0.00	1344	0.00	-0.00	-0.00	0.00
1346	198.32	1064.15	162.19	1345	-0.00	0.00	0.00	-0.00	1346	-0.00	0.00	0.00	0.00	1347	-0.00	-0.00	-0.00	-0.00
1349	198.32	1064.25	162.19	1348	0.00	0.00	0.00	-0.00	1349	-0.00	0.00	0.00	-0.00	1350	-0.00	-0.00	0.00	-0.00
1352	198.32	1064.50	162.19	1351	0.00	0.00	0.00	-0.00	1352	0.00	0.00	0.00	-0.00	1353	0.00	0.00	0.00	-0.00
1355	198.32	1064.75	162.20	1354	-0.00	-0.00	0.00	-0.00	1355	0.00	-0.00	0.00	-0.00	1356	0.00	0.00	0.00	0.00
1358	198.32	1064.85	162.20	1357	0.00	-0.00	0.00	-0.00	1358	0.00	-0.00	0.00	0.00	1359	0.00	0.00	0.00	0.00
1361	198.32	1065.85	162.23	1360	-0.00	-0.00	-0.00	0.00	1361	-0.00	0.00	0.00	0.00	1362	-0.00	0.00	0.00	0.00
1364	198.32	1066.85	162.26	1363	0.00	-0.00	0.00	0.00	1364	0.00	0.00	0.00	0.00	1365	0.00	0.00	0.00	0.00
1367	198.32	1067.85	162.28	1366	-0.00	-0.00	0.00	0.00	1367	-0.00	0.00	0.00	0.00	1368	-0.00	0.00	0.00	0.00
1370	198.32	1068.85	162.31	1369	0.00	-0.00	0.00	0.00	1370	0.00	0.00	0.00	0.00	1371	-0.00	0.00	0.00	0.00
1373	198.32	1069.85	162.34	1372	0.00	-0.00	0.00	0.00	1373	0.00	0.00	0.00	0.00	1374	0.00	0.00	0.00	0.00
1376	198.32	1070.85	162.36	1375	0.00	-0.00	0.00	0.00	1376	0.00	0.00	0.00	0.00	1377	-0.00	0.00	0.00	0.00
1379	198.32	1071.85	162.39	1378	-0.00	-0.00	0.00	0.00	1379	-0.00	0.00	0.00	0.00	1380	-0.00	0.00	0.00	0.00
1382	198.32	1072.85	162.42	1381	0.00	-0.00	0.00	0.00	1382	0.00	0.00	0.00	0.00	1383	-0.00	0.00	0.00	0.00
1385	198.32	1073.85	162.44	1384	-0.00	-0.00	0.00	0.00	1385	-0.00	0.00	0.00	0.00	1386	-0.00	0.00	0.00	0.00
1388	198.32	1074.85	162.47	1387	-0.00	0.00	0.00	0.00	1388	-0.00	0.00	0.00	0.00	1389	0.00	0.00	0.00	0.00
1391	198.32	1077.07	162.53	1390	0.00	0.00	0.00	0.00	1391	-0.00	0.00	0.00	0.00	1392	0.00	0.00	0.00	0.00
1394	198.32	1079.28	162.59	1393	0.00	0.00	0.00	0.00	1394	0.00	0.00	0.00	0.00	1395	0.00	0.00	0.00	-0.00
1397	198.32	1081.50	162.64	1396	0.00	0.00	0.00	-0.00	1397	-0.00	0.00	0.00	-0.00	1398	0.00	0.00	0.00	-0.00
1400	198.32	1083.71	162.70	1399	0.00	0.00	0.00	-0.00	1400	0.00	0.00	0.00	-0.00	1401	0.00	0.00	0.00	-0.00
1403	198.32	1085.93	162.76	1402	-0.00	0.00	0.00	-0.00	1403	-0.00	0.00	0.00	-0.00	1404	0.00			

Oyster Creek Drywell with Sand - Unit Load Case No. 8 (Temperature gradient during DBA)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1406	198.32	1088.14	162.91	1405	0.00	0.00	0.00	-0.00	1406	0.00	0.00	0.00	-0.00	1407	-0.00	0.00	0.00	-0.00
1409	198.32	1090.36	162.97	1408	0.00	0.00	0.00	0.00	1409	-0.00	0.00	0.00	0.00	1410	-0.00	0.00	0.00	0.00
1412	198.32	1092.57	162.92	1411	0.00	0.00	0.00	0.00	1412	0.00	0.00	0.00	0.00	1413	0.00	0.00	0.00	0.00
1415	198.32	1094.79	162.98	1414	-0.00	0.00	0.00	0.00	1415	-0.00	0.00	0.00	0.00	1416	-0.00	-0.00	0.00	0.00
1418	198.32	1097.00	163.03	1417	0.00	0.00	0.00	0.00	1418	0.00	0.00	0.00	0.00	1419	0.00	-0.00	0.00	0.00
1421	198.32	1098.00	163.06	1420	0.00	0.00	0.00	0.00	1421	-0.00	0.00	0.00	0.00	1422	-0.00	-0.00	0.00	0.00
1424	198.32	1099.00	163.08	1423	0.00	0.00	0.00	0.00	1424	0.00	0.00	0.00	0.00	1425	-0.00	-0.00	0.00	0.00
1427	198.32	1100.00	163.11	1426	-0.00	0.00	0.00	-0.00	1427	-0.00	0.00	0.00	-0.00	1428	-0.00	-0.00	0.00	-0.00
1430	198.32	1101.00	163.13	1429	0.00	0.00	0.00	-0.00	1430	0.00	0.00	0.00	-0.00	1431	-0.00	-0.00	0.00	-0.00
1433	198.32	1102.00	163.15	1432	-0.00	0.00	0.00	-0.00	1433	-0.00	0.00	0.00	-0.00	1434	0.00	-0.00	0.00	-0.00
1436	198.32	1103.00	163.18	1435	0.00	0.00	0.00	-0.00	1436	-0.00	0.00	0.00	-0.00	1437	-0.00	-0.00	0.00	-0.00
1439	198.32	1104.00	163.20	1438	0.00	0.00	0.00	-0.00	1439	-0.00	0.00	0.00	-0.00	1440	-0.00	-0.00	0.00	-0.00
1442	198.32	1105.00	163.23	1441	0.00	0.00	0.00	-0.00	1442	0.00	0.00	0.00	-0.00	1443	-0.00	0.00	0.00	-0.00
1445	198.32	1106.00	163.25	1444	-0.00	0.00	0.00	-0.00	1445	-0.00	0.00	0.00	-0.00	1446	-0.00	0.00	0.00	-0.00
1448	198.32	1107.00	163.28	1447	0.00	0.00	0.00	0.00	1448	-0.00	0.00	0.00	0.00	1449	-0.00	0.00	0.00	-0.00
1451	198.47	1108.25	163.29	1450	0.00	0.00	0.00	-0.00	1451	0.00	0.00	0.00	0.00	1452	-0.00	0.00	0.00	-0.00
1454	198.63	1109.50	163.31	1453	-0.00	-0.00	0.00	-0.00	1454	-0.00	0.00	0.00	0.00	1455	-0.00	0.00	0.00	0.00
					97	76	100	97		101	101	95	98		99	78	96	93
					930.79	-10754.12	-14062.07	2155.86		-302.31	893.25	-15813.62	-369.05		245.59	10697.17	-17145.70	360.62

APPENDIX D

DETAILED STRESS ANALYSIS RESULTS FOR LOAD COMBINATIONS

This appendix presents a summary of the finite element stress analysis results for the two limiting load combinations listed in Table 5-1: Accident Condition -1 and Post-Accident Condition. The stresses reported in these tables are the nodal stresses. Since there are three nodes across the thickness of the drywell shell (e.g., see Figure 3-3), the stress at the center node is essentially a membrane stress. The difference between the stress at an inner or the outer node and the middle node is indicative of the bending stress at that section.

In each of the stress tables, the second and third colums from the left show the radial and vertical coordinates of the center nodes. Four stress components (three normal stresses and one shear stress) are listed for each of the inner, middle and the outer nodes.

Table 2-1 shows the wall thicknesses in the various regions of the drywell. To help assess the maximum stress levels, the range of node numbers associated with each wall thickness are given below:

Drywell Region	Node Number Range
Sandbed Region	1 through 96
Lower Spherical Region except Sandbed Area	100 through 237
Middle Spherical Region	241 through 603
Upper Spherical Region	604 through 876
Knuckle	880 through 942
Cylindrical Region	946 through 1449

Oyster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)
2	247.08	106.93	36.00
5	248.68	108.10	36.27
8	250.28	109.28	36.54
11	251.87	110.46	36.81
14	253.45	111.66	37.08
17	255.03	112.86	37.35
20	256.61	114.06	37.62
23	258.18	115.28	37.89
26	259.74	116.50	38.16
29	261.30	117.73	38.43
32	262.85	118.97	38.70
35	264.39	120.21	38.98
38	265.93	121.46	39.25
41	267.47	122.72	39.52
44	269.00	123.98	39.79
47	270.52	125.26	40.06
50	272.03	126.54	40.33
53	273.54	127.83	40.60
56	275.05	129.13	40.87
59	276.54	130.43	41.14
62	278.04	131.74	41.41
65	279.54	133.07	41.68
68	281.03	134.41	41.96
71	282.52	135.75	42.23
74	284.01	137.11	42.50
77	285.48	138.47	42.78
80	286.96	139.83	43.05
83	288.42	141.21	43.33
86	289.88	142.59	43.60
89	291.33	143.98	43.87
92	292.77	145.37	44.15
95	294.21	146.77	44.42
98	294.65	147.04	44.49
101	295.08	147.31	44.56
104	296.51	148.72	44.83
107	297.92	150.14	45.10

Outside Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1	2782.40	-1679.90	285.78	372.67
4	-391.79	1111.70	341.73	396.76
7	29.69	6646.30	2774.60	315.47
10	-46.55	11133.00	4901.50	211.23
13	-53.29	14365.00	6791.90	147.96
16	-24.32	16711.00	8449.60	76.31
19	-40.36	18210.00	9851.70	32.07
22	-21.93	19107.00	11027.00	-11.60
25	-29.88	19487.00	11918.00	-37.76
28	-19.83	19517.00	12576.00	-60.36
31	-22.99	19276.00	13019.00	-72.52
34	-17.53	18870.00	13292.00	-81.54
37	-18.86	18354.00	13422.00	-84.52
40	-16.98	17788.00	13445.00	-86.10
43	-17.98	17206.00	13387.00	-84.57
46	-18.14	16635.00	13274.00	-82.66
49	-18.56	16093.00	13129.00	-79.05
52	-19.98	15589.00	12968.00	-75.90
55	-19.04	15134.00	12811.00	-71.34
58	-22.43	14728.00	12669.00	-68.01
61	-17.25	14384.00	12559.00	-62.86
64	-22.46	14127.00	12496.00	-57.95
67	-14.65	14032.00	12517.00	-45.78
70	-23.61	14104.00	12619.00	-38.09
73	-8.38	14407.00	12834.00	-21.44
76	-25.40	14925.00	13135.00	-13.97
79	2.76	15771.00	13567.00	10.53
82	-25.94	16884.00	14066.00	15.89
85	5.25	18449.00	14696.00	52.24
88	30.14	20304.00	15356.00	49.46
91	-218.51	22723.00	16004.00	101.57
94	438.19	20986.00	15577.00	1727.00
97	374.40	9772.70	12278.00	2037.00
100	122.09	2984.90	10222.00	291.73
103	13.80	3415.80	10062.00	108.18
106	-9.47	4488.40	10194.00	84.05

Middle Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
2	6605.70	15238.00	6530.80	412.72
5	-1679.80	15295.00	4331.60	371.39
8	413.50	15197.00	5612.30	286.12
11	-120.37	[illegible]15.00	6270.20	208.32
14	-6.	6.00	7235.40	140.27
17	-19.[illegible]	0.00	8153.60	82.97
20	-31.[illegible]	[illegible]053.00	9052.70	35.92
23	-21.85	15034.00	9897.80	-1.22
26	-33.49	15049.00	10638.00	-29.66
29	-27.68	15056.00	11258.00	-50.35
32	-33.19	15081.00	11756.00	-64.68
35	-30.30	15103.00	12141.00	-73.75
38	-33.37	15135.00	12424.00	-78.88
41	-32.85	15166.00	12620.00	-81.22
44	-34.7[illegible]	[illegible]200.00	12744.00	-81.50
47	-35.43	[illegible]235.00	12814.00	-80.45
50	-36.19	15270.80	12845.[illegible]	-78.47
53	-37.74	15306.[illegible]0	12852.00	-75.96
56	-37.15	[illegible].00	12849.00	-73.08
59	-40.02	[illegible]7.00	12849.00	-69.86
62	-36.67	15409.00	12864.00	-66.75
65	-43.26	15450.00	12904.00	-60.44
68	-36.77	15484.00	12978.00	-50.79
71	-46.33	15535.00	13088.00	-39.73
74	-32.72	15565.00	13236.00	-26.95
77	-50.89	15628.00	13413.00	-11.98
80	-24.24	15649.00	13611.00	5.61
83	-56.83	15734.00	13810.00	25.61
86	-16.69	15734.00	13980.00	48.54
89	-33.74	15856.00	14108.00	73.39
92	-133.20	15817.00	14060.00	99.09
95	299.32	15492.00	13931.00	51.19
98	-453.12	12272.00	12706.00	375.07
101	-246.20	10262.00	12127.00	552.46
104	9.20	9688.90	11806.00	79.30
107	-32.69	9661.30	11635.00	70.86

Inside Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
3	10426.00	32943.00	12984.00	444.33
6	-2966.80	29555.00	8367.10	340.47
9	793.53	23728.00	8475.10	253.65
12	-195.20	19178.00	7665.60	203.55
15	39.79	15787.00	7662.00	132.23
18	-15.14	13431.00	7872.00	89.92
21	-22.34	11856.00	8270.10	40.78
24	-20.96	10975.00	8790.60	10.39
27	-36.15	10585.00	9357.10	-20.09
30	-34.65	10595.00	9942.10	-38.67
33	-42.53	10868.00	10490.00	-55.33
36	-42.21	11333.00	10990.00	-64.68
39	-47.16	11905.00	11423.00	-72.07
42	-48.12	12539.00	11793.00	-75.39
45	-50.98	13189.00	12100.00	-77.70
48	-52.39	13832.00	12352.00	-77.73
51	-53.64	14446.00	12560.00	-77.61
54	-55.45	15021.00	12735.00	-75.92
57	-55.34	15550.00	12888.00	-74.89
60	-57.80	16022.00	13029.00	-71.92
63	-56.38	16442.00	13172.00	-70.96
66	-64.42	16766.00	13310.00	-63.36
69	-59.29	16955.00	13445.00	-56.25
72	-69.44	16949.00	13554.00	-41.85
75	-57.40	16757.00	13649.00	-32.80
78	-76.61	16292.00	13584.00	-10.14
81	-51.27	15589.00	13677.00	0.57
84	-87.47	14500.00	13535.00	35.96
87	-38.05	13133.00	13304.00	45.09
90	-96.41	11239.00	12820.00	98.97
93	-46.63	9102.20	12178.00	97.82
96	807.15	10815.00	12714.00	-1206.10
99	-486.00	12897.00	12828.00	-2191.60
102	-723.79	14917.00	13252.00	-1001.10
105	2.00	15907.00	13536.00	48.19
108	-58.07	14912.00	13100.00	55.41

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
110	299.33	151.56	45.37	109	-18.32	5409.90	10364.00	80.95	110	-36.09	9689.70	11566.00	61.86	111	-55.69	13953.00	12764.00	41.10
113	300.74	152.99	45.65	112	-6.71	6273.10	10586.00	65.46	113	-26.28	9681.50	11551.00	52.82	114	-47.35	13125.00	12526.00	38.73
116	302.13	154.42	45.92	115	-13.87	7019.20	10818.00	57.29	116	-33.08	9694.30	11584.00	43.78	117	-53.52	12372.00	12351.00	29.19
119	303.52	155.87	46.19	118	-8.53	7683.90	11068.00	45.82	119	-28.40	9695.50	11653.00	35.09	120	-49.24	11724.00	12243.00	23.50
122	304.91	157.31	46.47	121	-11.09	8252.70	11317.00	37.06	122	-30.76	9703.50	11749.00	26.82	123	-51.17	11160.00	12183.00	15.97
125	306.28	158.77	46.74	124	-7.47	8741.40	11564.00	27.94	125	-29.27	9738.10	11864.00	19.09	126	-51.62	10685.00	12167.00	9.79
128	307.65	160.23	47.01	127	-13.42	9149.50	11797.00	20.11	128	-29.53	9715.40	11950.00	11.97	129	-46.09	10288.00	12184.00	3.55
131	309.01	161.70	47.28	130	-3.33	9436.80	12003.00	-26.48	131	-29.23	977.40	12122.00	-34.43	132	-55.51	10015.00	12242.00	-42.54
134	312.35	165.36	47.96	133	-3.77	9756.20	12414.00	-33.56	134	-28.95	97 .0	12458.00	-40.82	135	-54.29	9736.90	12504.00	-47.68
137	315.65	169.06	48.64	136	-12.16	10072.00	12820.00	-43.65	137	-27.18	97 .50	12789.00	-49.18	138	-42.31	9468.60	12760.00	-54.58
140	318.91	172.81	49.31	139	-4.60	10222.00	13156.00	-48.25	140	-27.72	9788.70	13089.00	-53.55	141	-50.51	9368.50	13023.00	-58.48
143	322.12	176.58	49.99	142	-0.34	10299.00	13441.00	-48.47	143	-25.29	9815.70	13352.00	-53.54	144	-50.12	9338.70	13263.00	-58.51
146	325.28	180.40	50.66	145	5.80	10394.00	13700.00	-45.71	146	-21.75	9844.60	13573.00	-49.97	147	-49.17	9297.60	13445.00	-54.11
149	328.40	184.25	51.34	148	13.37	10603.00	13951.00	-40.83	149	-15.85	9874.20	13744.00	-43.50	150	-44.86	9194.00	13537.00	-45.96
152	331.48	188.14	52.01	151	1.92	10927.00	14155.00	-43.15	152	-11.11	9912.10	13845.00	-43.13	153	-23.99	9061.20	13537.00	-42.74
155	334.51	192.07	52.69	154	-10.02	11013.00	14175.00	-60.35	155	-20.02	9972.80	13847.00	-61.08	156	-30.37	9150.10	13522.00	-61.51
158	337.49	196.03	53.36	157	3.33	10683.00	13954.00	-61.09	158	-17.54	10024.00	13736.00	-65.36	159	-28.23	9485.50	13521.00	-69.49
161	340.00	199.45	53.94	160	7.87	10288.00	13664.00	-55.62	161	-22.10	10046.00	13581.00	-61.45	162	-52.00	9825.80	13498.00	-67.25
164	342.48	202.89	54.52	163	1.40	10046.00	13397.00	-50.73	164	-26.27	10066.00	13409.00	-57.20	165	-54.00	10090.00	13421.00	-63.71
167	344.93	206.36	55.10	166	-1.93	9919.90	13174.00	-46.59	167	-29.09	10085.00	13243.00	-53.68	168	-56.38	10263.00	13311.00	-60.82
170	347.34	209.85	55.68	169	-4.43	9871.20	12998.00	-43.97	170	-30.59	10103.00	13094.00	-51.10	171	-56.92	10359.00	13192.00	-58.27
173	349.71	213.36	56.25	172	-6.24	9873.40	12865.00	-41.91	173	-31.79	10120.00	12969.00	-49.36	174	-57.51	10396.00	13075.00	-56.57
176	352.05	216.90	56.83	175	-6.74	9907.60	12768.00	-40.92	176	-31.54	10135.00	12868.00	-48.16	177	-56.53	10393.00	12970.00	-55.22
179	354.35	220.46	57.41	178	-6.86	9960.20	12700.00	-40.67	179	-31.09	10150.00	12789.00	-47.59	180	-55.56	10365.00	12880.00	-54.38
182	356.62	224.05	57.99	181	-6.93	10021.00	12651.00	-41.11	182	-30.83	10164.00	12728.00	-47.55	183	-54.93	10327.00	12806.00	-53.92
185	358.85	227.66	58.57	184	-6.80	10082.00	12618.00	-41.70	185	-30.42	10178.00	12681.00	-47.84	186	-54.21	10289.00	12747.00	-53.89
188	361.04	231.29	59.14	187	-6.88	10134.00	12592.00	-42.65	188	-30.45	10191.00	12646.00	-48.37	189	-54.15	10257.00	12701.00	-54.05
191	363.20	234.94	59.72	190	-6.74	10175.00	12573.00	-43.49	191	-29.66	10203.00	12619.00	-49.04	192	-52.73	10237.00	12667.00	-54.51
194	365.32	238.61	60.30	193	-8.22	10188.00	12552.00	-45.75	194	-30.41	10216.00	12600.00	-50.89	195	-52.67	10247.00	12648.00	-56.04
197	367.41	242.31	60.88	196	-7.83	10161.00	12527.00	-47.41	197	-30.75	10229.00	12587.00	-53.00	198	-53.77	10301.00	12647.00	-58.40
200	369.45	246.03	61.45	199	-7.74	10096.00	12502.00	-48.06	200	-30.90	10240.00	12582.00	-53.68	201	-54.24	10385.00	12663.00	-59.38
203	371.46	249.76	62.03	202	-5.84	10004.00	12489.00	-47.81	203	-29.31	10250.00	12592.00	-54.06	204	-52.99	10498.00	12696.00	-60.40
206	373.43	253.52	62.61	205	-6.18	9883.60	12492.00	-48.01	206	-28.12	10261.00	12620.00	-54.07	207	-50.33	10639.00	12748.00	-60.22
209	375.36	257.30	63.19	208	-0.90	9750.80	12523.00	-46.61	209	-28.64	10269.00	12670.00	-53.53	210	-56.66	10809.00	12819.00	-60.60
212	377.26	261.09	63.77	211	-5.52	9641.30	12584.00	-46.01	212	-13.96	10280.00	12754.00	-52.06	213	-22.85	11001.00	12925.00	-58.22
215	379.11	264.91	64.34	214	-48.12	9190.20	12548.00	-86.91	215	-28.43	10372.00	12890.00	-93.65	216	-9.73	11706.00	13233.00	-100.61

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
218	380.93	268.74	64.92	217	-14.94	7829.00	12308.00	-116.40	218	-45.15	10461.00	13084.00	-135.08	219	-76.53	13210.00	13865.00	-154.38
221	382.71	272.59	65.50	220	-6.62	6350.70	12189.00	-79.05	221	-40.36	10474.00	13431.00	-96.34	222	-75.69	14679.00	14679.00	-114.49
224	383.49	274.32	65.76	223	10.62	5477.10	12153.00	-78.64	224	-21.62	10476.00	13674.00	-93.80	225	-56.02	15521.00	15210.00	-110.03
227	384.26	276.04	66.02	226	-10.27	4808.30	12230.00	-72.09	227	-34.70	10492.00	13973.00	-87.80	228	-61.59	16179.00	15719.00	-104.61
230	385.03	277.78	66.27	229	-5.56	4234.10	12419.00	-59.89	230	-32.77	10487.00	14345.00	-79.86	231	-62.63	16791.00	16288.00	-101.14
233	385.79	279.51	66.53	232	24.62	3720.50	12717.00	-54.28	233	-4.05	10509.00	14814.00	-69.73	234	-35.65	17291.00	16913.00	-86.43
236	386.54	281.25	66.79	235	130.54	4031.70	13368.00	-229.03	236	-176.44	10794.00	15388.00	-265.33	237	-487.72	16278.00	17036.00	552.35
239	386.75	282.00	66.90	238	50.87	10294.00	15458.00	-1153.00	239	-245.05	12678.00	16191.00	-180.95	240	-289.20	14323.00	16779.00	1317.70
242	386.97	282.74	67.00	241	295.75	19867.00	18644.00	-974.72	242	303.71	15423.00	17442.00	-16.17	243	512.78	11977.00	16586.00	792.82
245	387.40	283.76	67.15	244	-150.57	22330.00	19575.00	-105.54	245	-69.82	15684.00	17741.00	-66.63	246	12.25	9408.30	16008.00	-27.25
248	387.82	284.77	67.30	247	1.28	21776.00	19760.00	-54.13	248	-52.02	15830.00	18083.00	-68.25	249	-103.74	9682.90	16338.00	-81.48
251	388.24	285.79	67.45	250	8.43	21421.00	19918.00	-60.63	251	-8.11	15752.00	18325.00	-68.54	252	-23.27	10205.00	16760.00	-55.90
254	388.67	286.80	67.60	253	-16.05	20952.00	19996.00	-67.00	254	-43.01	15795.00	18543.00	-68.40	255	-68.68	10602.00	17071.00	-69.16
257	389.08	287.82	67.75	256	1.27	20547.00	20070.00	-71.77	257	-22.97	15778.00	18725.00	-67.60	258	-46.04	11055.00	17384.00	-62.92
260	389.50	288.84	67.90	259	-7.69	20123.00	20098.00	-67.29	260	-33.38	15790.00	18874.00	-66.41	261	-57.99	11470.00	17645.00	-65.03
263	389.91	289.86	68.05	262	-4.88	19726.00	20108.00	-66.43	263	-28.40	15789.00	18995.00	-64.82	264	-50.96	11885.00	17883.00	-62.79
266	390.32	290.88	68.20	265	0.91	19339.00	20095.00	-63.68	266	-30.23	15794.00	19090.00	-62.97	267	-60.48	12278.00	18084.00	-61.84
269	390.73	291.90	68.35	268	-28.40	18970.00	20052.00	-61.25	269	-32.63	15796.00	19160.00	-60.89	270	-36.21	12659.00	18269.00	-60.17
272	391.13	292.93	68.50	271	24.63	18353.00	19942.00	-102.02	272	-21.12	15800.00	19216.00	-99.98	273	-66.32	13289.00	18493.00	-97.58
275	392.28	295.87	68.93	274	2.71	17529.00	19755.00	-92.15	275	-21.34	15810.00	19276.00	-89.64	276	-45.02	14142.00	18802.00	-86.83
278	393.40	298.82	69.36	277	5.64	16833.00	19515.00	-82.73	278	-26.66	15818.00	19240.00	-82.59	279	-58.74	14867.00	18970.00	-82.21
281	394.50	301.77	69.79	280	0.94	16308.00	19270.00	-74.18	281	-28.41	15827.00	19153.00	-76.02	282	-57.68	15415.00	19043.00	-77.53
284	395.58	304.74	70.22	283	-0.50	15938.00	19049.00	-66.86	284	-29.77	15835.00	19046.00	-70.05	285	-59.09	15798.00	19047.00	-73.01
287	396.64	307.71	70.65	286	-0.94	15701.00	18872.00	-60.57	287	-28.57	15842.00	18940.00	-64.53	288	-56.28	16033.00	19011.00	-68.49
290	397.67	310.69	71.08	289	-2.35	15570.00	18745.00	-56.90	290	-28.55	15852.00	18850.00	-61.01	291	-54.87	16158.00	18955.00	-65.15
293	398.68	313.68	71.51	292	-1.37	15520.00	18666.00	-53.63	293	-27.57	15860.00	18779.00	-57.82	294	-53.30	16209.00	18893.00	-62.05
296	399.67	316.68	71.94	295	2.21	15559.00	18637.00	-49.77	296	-23.40	15867.00	18730.00	-53.48	297	-49.13	16200.00	18823.00	-57.23
299	400.64	319.68	72.37	298	6.54	15716.00	18657.00	-46.28	299	-19.41	15873.00	18696.00	-49.31	300	-45.45	16166.00	18737.00	-52.37
302	401.58	322.69	72.80	301	11.15	15991.00	18712.00	-43.57	302	-10.01	15879.00	18670.00	-45.23	303	-31.27	16140.00	18632.00	-46.87
305	402.51	325.71	73.23	304	-5.74	16195.00	18731.00	-47.00	305	-22.93	15906.00	18639.00	-48.67	306	-40.71	16140.00	18553.00	-50.33
308	403.41	328.73	73.66	307	7.76	16095.00	18641.00	-52.85	308	-13.11	15932.00	18586.00	-56.26	309	-34.07	16127.00	18537.00	-59.71
311	404.28	331.76	74.09	310	9.15	15877.00	18496.00	-53.38	311	-15.94	15937.00	18514.00	-56.61	312	-41.10	16109.00	18533.00	-59.86
314	405.13	334.80	74.52	313	2.69	15780.00	18374.00	-54.20	314	-21.30	15941.00	18442.00	-57.03	315	-45.39	16146.00	18512.00	-59.88
317	405.97	337.84	74.95	316	-1.46	15771.00	18286.00	-54.74	317	-25.81	15946.00	18382.00	-57.45	318	-50.28	16200.00	18480.00	-60.15
320	406.77	340.89	75.38	319	-4.28	15796.00	18235.00	-55.08	320	-28.74	15950.00	18340.00	-57.71	321	-53.25	16227.00	18448.00	-60.21
323	407.56	343.95	75.81	322	-5.36	15827.00	18218.00	-54.12	323	-29.81	15955.00	18317.00	-57.17	324	-54.28	16215.00	18420.00	-59.92

Oyster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
326	408.32	347.01	76.24	325	-2.75	15365.00	18235.00	-52.68	326	-27.06	15958.00	18314.00	-55.61	327	-51.47	16158.00	18396.00	-58.47
329	409.06	350.08	76.67	328	0.29	15921.00	18279.00	-51.13	329	-23.56	15963.00	18325.00	-53.47	330	-47.48	16065.00	18372.00	-55.80
332	409.77	353.15	77.10	331	4.59	16032.00	18349.00	-49.39	332	-20.01	15966.00	18342.00	-51.10	333	-44.67	15972.00	18339.00	-52.80
335	410.47	356.23	77.53	334	9.51	16229.00	18432.00	-48.02	335	-11.63	15971.00	18359.00	-48.50	336	-32.81	15921.00	18291.00	-48.96
338	411.14	359.31	77.96	337	-5.84	16389.00	18478.00	-52.30	338	-24.41	16000.00	18365.00	-52.43	339	-43.39	15941.00	18259.00	-52.55
341	411.78	362.40	78.39	340	1.14	16323.00	18432.00	-57.40	341	-20.56	16028.00	18346.00	-59.20	342	-42.29	15976.00	18265.00	-61.02
344	412.41	365.49	78.82	343	3.53	16154.00	18334.00	-57.44	344	-21.65	16032.00	18301.00	-59.35	345	-46.86	15997.00	18269.00	-61.25
347	413.01	368.59	79.25	346	-1.69	16059.00	18245.00	-57.84	347	-25.61	16035.00	18246.00	-59.47	348	-49.57	16031.00	18248.00	-61.10
350	413.58	371.69	79.68	349	-3.27	16012.00	18167.00	-57.84	350	-26.77	16042.00	18191.00	-59.41	351	-50.34	16077.00	18215.00	-60.98
353	414.14	374.80	80.11	352	-3.74	15983.00	18098.00	-57.96	353	-27.57	16048.00	18140.00	-59.45	354	-51.47	16131.00	18182.00	-60.94
356	414.67	377.91	80.54	355	-5.14	15967.00	18044.00	-57.88	356	-29.33	16051.00	18094.00	-59.46	357	-53.61	16172.00	18147.00	-61.03
359	415.17	381.02	80.97	358	-6.67	15966.00	18007.00	-57.75	359	-30.74	16053.00	18058.00	-59.39	360	-54.87	16191.00	18113.00	-60.84
362	415.66	384.14	81.40	361	-6.82	15970.00	17983.00	-57.28	362	-30.78	16056.00	18031.00	-59.14	363	-54.83	16191.00	18083.00	-60.72
365	416.12	387.26	81.83	364	-6.42	15980.00	17970.00	-57.09	365	-30.17	16058.00	18012.00	-58.76	366	-54.04	16179.00	18058.00	-60.39
368	416.56	390.38	82.26	367	-5.81	15994.00	17963.00	-56.79	368	-29.55	16061.00	17998.00	-58.40	369	-53.39	16158.00	18037.00	-59.99
371	416.97	393.51	82.69	370	-4.87	16013.00	17961.00	-56.75	371	-28.28	16063.00	17989.00	-58.09	372	-51.79	16130.00	18020.00	-59.42
374	417.36	396.64	83.12	373	-6.23	16036.00	17961.00	-57.53	374	-29.48	16068.00	17984.00	-58.64	375	-52.82	16110.00	18008.00	-59.75
377	417.72	399.78	83.55	376	-7.02	16051.00	17959.00	-58.13	377	-30.52	16074.00	17979.00	-59.20	378	-54.12	16102.00	18000.00	-60.26
380	418.07	402.91	83.98	379	-5.93	16062.00	17956.00	-57.97	380	29.73	16075.00	17974.00	-58.98	381	-53.60	16094.00	17992.00	-59.98
383	418.39	406.05	84.41	382	-4.83	16080.00	17954.00	-57.92	383	-28.17	16077.00	17968.00	-58.68	384	-51.60	16083.00	17983.00	-59.44
386	418.68	409.19	84.84	385	-6.93	16098.00	17952.00	-58.35	386	-30.05	16085.00	17964.00	-58.94	387	-53.29	16084.00	17977.00	-59.53
389	418.95	412.33	85.27	388	-6.31	16095.00	17943.00	-58.74	389	-29.74	16093.00	17958.00	-59.54	390	-53.26	16098.00	17973.00	-60.34
392	419.20	415.48	85.70	391	-5.83	16081.00	17930.00	-58.78	392	-29.60	16094.00	17950.00	-59.59	393	-53.45	16110.00	17969.00	-60.39
395	419.43	418.63	86.13	394	-6.47	16073.00	17920.00	-58.88	395	-30.11	16096.00	17941.00	-59.54	396	-53.84	16119.00	17963.00	-60.21
398	419.63	421.78	86.56	397	-6.68	16069.00	17911.00	-58.89	398	-30.36	16098.00	17934.00	-59.53	399	-54.12	16127.00	17957.00	-60.18
401	419.81	424.93	86.99	400	-6.93	16068.00	17905.00	-59.04	401	-30.63	16099.00	17928.00	-59.55	402	-54.41	16131.00	17951.00	-60.07
404	419.96	428.08	87.42	403	-7.19	16069.00	17900.00	-59.03	404	-30.86	16100.00	17922.00	-59.54	405	-54.61	16132.00	17946.00	-60.04
407	420.09	431.23	87.85	406	-7.09	16072.00	17896.00	-59.07	407	-30.71	16101.00	17918.00	-59.45	408	-54.42	16133.00	17940.00	-59.84
410	420.20	434.38	88.28	409	-7.07	16075.00	17894.00	-59.10	410	-30.71	16102.00	17915.00	-59.43	411	-54.44	16133.00	17936.00	-59.75
413	420.28	437.54	88.71	412	-7.05	16079.00	17892.00	-59.19	413	-30.71	16103.00	17911.00	-59.41	414	-54.45	16132.00	17931.00	-59.64
416	420.34	440.69	89.14	415	-7.05	16083.00	17891.00	-59.23	416	-30.69	16104.00	17908.00	-59.38	417	-54.41	16130.00	17926.00	-59.53
419	420.37	443.85	89.57	418	-6.97	16088.00	17889.00	-59.26	419	-30.59	16105.00	17905.00	-59.31	420	-54.29	16128.00	17921.00	-59.35
422	420.39	447.00	90.00	421	-6.76	16093.00	17887.00	-59.32	422	-30.36	16105.00	17901.00	-59.29	423	-54.04	16126.00	17915.00	-59.25
425	420.37	450.15	90.43	424	-7.00	16098.00	17884.00	-59.46	425	-30.58	16106.00	17896.00	-59.34	426	-54.25	16124.00	17909.00	-59.21
428	420.34	453.31	90.86	427	-7.12	16102.00	17879.00	-59.56	428	-30.73	16106.00	17890.00	-59.44	429	-54.41	16122.00	17902.00	-59.26
431	420.28	456.46	91.29	430	-7.18	16105.00	17872.00	-59.68	431	-30.72	16107.00	17883.00	-59.55	432	-54.36	16119.00	17895.00	-59.31

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
434	420.20	459.62	91.72	433	-6.57	16108.00	17864.00	-59.72	434	-30.04	16107.00	17875.00	-59.58	435	-53.58	16115.00	17888.00	-59.41
437	420.09	462.77	92.15	436	-6.12	16108.00	17855.00	-59.90	437	-29.70	16107.00	17868.00	-59.66	438	-53.15	16111.00	17881.00	-59.41
440	419.96	465.92	92.58	439	-5.49	16106.00	17847.00	-59.92	440	-28.74	16107.00	17861.00	-59.64	441	-52.06	16110.00	17875.00	-59.36
443	419.81	469.07	93.01	442	-4.36	16104.00	17840.00	-59.95	443	-27.50	16107.00	17854.00	-59.50	444	-50.72	16114.00	17869.00	-59.05
446	419.63	472.22	93.44	445	-3.72	16108.00	17835.00	-59.76	446	-26.44	16107.00	17848.00	-59.30	447	-49.25	16134.00	17864.00	-58.84
449	419.43	475.37	93.87	448	1.43	16121.00	17833.00	-59.83	449	-21.96	16107.00	17843.00	-59.06	450	-15.44	16185.00	17860.00	-58.28
452	419.20	478.52	94.30	451	-3.37	16127.00	17834.00	-58.13	452	-28.39	16126.00	17843.00	-57.21	453	-53.62	16244.00	17861.00	-56.28
455	418.95	481.67	94.73	454	-2.59	16148.00	17827.00	-56.43	455	-26.23	16144.00	17841.00	-56.40	456	-49.97	16237.00	17863.00	-56.38
458	418.68	484.81	95.16	457	-2.54	16123.00	17813.00	-57.50	458	-25.44	16144.00	17835.00	-57.29	459	-48.44	16153.00	17858.00	-57.07
461	418.39	487.95	95.59	460	-4.22	16114.00	17804.00	-58.69	461	-27.49	16144.00	17828.00	-58.06	462	-50.85	16178.00	17853.00	-57.43
464	418.07	491.09	96.02	463	-5.56	16114.00	17801.00	-59.42	464	-28.87	16143.00	17825.00	-58.69	465	-52.25	16175.00	17848.00	-57.96
467	417.72	494.22	96.45	466	-6.30	16119.00	17803.00	-60.14	467	-29.73	16143.00	17823.00	-59.19	468	-53.24	16174.00	17845.00	-58.23
470	417.36	497.36	96.88	469	-7.08	16123.00	17806.00	-60.47	470	-30.57	16142.00	17824.00	-59.53	471	-54.14	16171.00	17843.00	-58.56
473	416.97	500.49	97.31	472	-6.98	16126.00	17811.00	-60.65	473	-30.51	16141.00	17826.00	-59.66	474	-54.13	16168.00	17843.00	-58.61
476	416.56	503.62	97.74	475	-7.16	16126.00	17815.00	-60.77	476	-30.71	16140.00	17829.00	-59.78	477	-54.34	16164.00	17844.00	-58.71
479	416.12	506.74	98.17	478	-7.06	16126.00	17817.00	-60.91	479	-30.60	16139.00	17831.00	-59.86	480	-54.23	16162.00	17846.00	-58.72
482	415.66	509.86	98.60	481	-7.06	16124.00	17819.00	-60.98	482	-30.60	16138.00	17833.00	-59.91	483	-54.23	16160.00	17848.00	-58.80
485	415.17	512.98	99.03	484	-6.98	16121.00	17819.00	-61.11	485	-30.53	16137.00	17834.00	-59.94	486	-54.16	16159.00	17850.00	-58.75
488	414.67	516.09	99.46	487	-7.10	16117.00	17818.00	-61.23	488	-30.65	16136.00	17834.00	-60.01	489	-54.28	16159.00	17851.00	-58.75
491	414.14	519.20	99.89	490	-7.19	16112.00	17816.00	-61.33	491	-30.73	16135.00	17834.00	-60.06	492	-54.36	16161.00	17853.00	-58.76
494	413.58	522.31	100.32	493	-7.23	16105.00	17813.00	-61.40	494	-30.77	16134.00	17834.00	-60.12	495	-54.41	16165.00	17856.00	-58.80
497	413.01	525.41	100.75	496	-7.23	16097.00	17811.00	-61.51	497	-30.77	16132.00	17835.00	-60.16	498	-54.39	16169.00	17859.00	-58.79
500	412.41	528.51	101.18	499	-7.13	16088.00	17809.00	-61.55	500	-30.66	16131.00	17836.00	-60.19	501	-54.29	16175.00	17863.00	-58.83
503	411.78	531.60	101.61	502	-7.24	16078.00	17808.00	-61.66	503	-30.80	16129.00	17839.00	-60.26	504	-54.45	16181.00	17870.00	-58.85
506	411.14	534.69	102.04	505	-7.15	16066.00	17809.00	-61.70	506	-30.73	16127.00	17844.00	-60.27	507	-54.40	16189.00	17879.00	-58.84
509	410.47	537.77	102.47	508	-6.99	16055.00	17814.00	-61.69	509	-30.62	16126.00	17853.00	-60.23	510	-54.34	16197.00	17892.00	-58.76
512	409.77	540.85	102.90	511	-6.71	16045.00	17823.00	-61.53	512	-30.32	16124.00	17865.00	-60.07	513	-54.02	16202.00	17908.00	-58.59
515	409.06	543.92	103.33	514	-5.74	16041.00	17838.00	-61.38	515	-29.68	16122.00	17882.00	-59.79	516	-53.71	16205.00	17927.00	-58.20
518	408.32	546.99	103.76	517	-4.12	16053.00	17864.00	-60.35	518	-29.71	16122.00	17906.00	-58.66	519	-55.39	16198.00	17948.00	-56.96
521	407.56	550.05	104.19	520	-5.20	16095.00	17907.00	-58.57	521	-30.23	16125.00	17934.00	-56.74	522	-55.38	16162.00	17962.00	-54.88
524	406.77	553.11	104.62	523	-5.06	16161.00	17963.00	-57.67	524	-29.31	16125.00	17964.00	-55.47	525	-53.61	16092.00	17966.00	-53.27
527	405.97	556.16	105.05	526	-4.47	16248.00	18023.00	-57.38	527	-28.92	16122.00	17990.00	-54.56	528	-53.41	16000.00	17958.00	-51.73
530	405.13	559.20	105.48	529	-3.48	16360.00	18081.00	-56.77	530	-28.01	16120.00	18007.00	-53.41	531	-52.55	15887.00	17934.00	-50.06
533	404.28	562.24	105.91	532	-2.77	16501.00	18131.00	-56.39	533	-27.26	16117.00	18007.00	-52.16	534	-51.71	15751.00	17884.00	-47.94
536	403.41	565.27	106.34	535	-1.87	16672.00	18162.00	-55.98	536	-26.08	16114.00	17981.00	-51.07	537	-50.21	15594.00	17801.00	-46.19
539	402.51	568.29	106.77	538	-1.84	16866.00	18161.00	-56.32	539	-25.71	16112.00	17917.00	-50.34	540	-49.46	15420.00	17676.00	-44.40

Oyster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
542	401.58	571.31	107.20	542	-1.17	17077.00	18112.00	-56.95	542	-24.35	16109.00	17804.00	-50.24	543	-47.36	15241.00	17504.00	-43.61
545	400.64	574.32	107.63	544	-2.64	17280.00	[illegible]95.00	-59.08	545	-24.66	16107.00	17631.00	-51.28	546	-46.47	15073.00	17283.00	-43.51
548	399.67	577.32	108.06	547	-3.45	17441.00	17791.00	-62.05	548	-23.97	16104.00	17392.00	-53.96	549	-44.26	14944.00	17025.00	-45.96
551	398.68	580.32	108.49	550	-7.30	17507.00	[illegible]80.00	-66.78	551	-25.96	16103.00	17091.00	-58.77	552	-44.39	14891.00	16734.00	-50.18
554	397.64	583.31	108.92	553	-7.91	17421.00	17068.00	-72.60	554	-23.53	16100.00	16736.00	-65.90	555	-38.87	14968.00	16422.00	-58.79
557	396.64	586.29	109.35	556	-10.41	17101.00	16556.00	-80.93	557	-22.72	16102.00	16329.00	-74.99	558	-34.83	15231.00	16103.00	-69.12
560	395.58	589.26	109.78	559	-9.98	16491.00	15941.00	-90.18	560	-17.09	16100.00	15877.00	-87.03	561	-24.17	15762.00	15815.00	-83.92
563	394.50	592.23	110.21	562	-8.60	15564.00	15208.00	-103.10	563	-15.79	16104.00	15406.00	-102.55	564	-23.21	16682.00	15602.00	-101.0[illegible]
566	393.40	595.18	110.64	565	-26.37	14252.00	14376.00	-116.04	566	-12.62	16102.00	14960.00	-121.53	567	0.40	18249.00	15548.00	-126.87
569	392.28	598.13	111.07	568	44.04	12475.00	13519.00	-131.93	569	1.39	16101.00	14617.00	-143.48	570	-42.33	20568.00	15719.00	-154.63
572	391.13	601.07	111.50	571	71.70	11372.00	13076.00	-28.25	572	18.98	16351.00	14554.00	-20.74	573	-25.60	22730.00	16063.00	-12.58
575	390.73	602.10	111.65	574	9.99	11547.00	13136.00	72.83	575	-42.29	16622.00	14632.00	73.68	576	-96.09	23112.00	16153.00	75.15
578	390.32	603.12	111.80	577	-8.31	12073.00	13343.00	73.85	578	-18.45	16646.00	14694.00	64.80	579	-29.52	22318.00	16044.00	56.40
581	389.91	604.14	111.95	580	3.40	12579.00	13581.00	58.01	581	-18.36	16637.00	14771.00	56.18	582	-41.42	21633.00	15971.00	54.89
584	389.50	605.16	112.10	583	-2.19	13016.00	13821.00	52.67	584	-20.82	16644.00	14878.00	47.83	585	-40.60	21002.00	15942.00	43.46
587	389.08	606.18	112.25	586	-6.40	13402.00	14069.00	40.35	587	-26.19	16649.00	15009.00	39.85	588	-47.00	20443.00	15950.00	39.79
590	388.67	607.20	112.40	589	6.29	13759.00	14334.00	37.49	590	-13.60	16639.00	15162.00	32.37	591	-34.39	19967.00	16005.00	27.56
593	388.24	608.21	112.55	592	-20.36	14028.00	14580.00	19.53	593	-40.48	16671.00	15335.00	25.27	594	-61.40	19513.00	16069.00	31.46
596	387.82	609.23	112.70	595	12.98	14349.00	14877.00	33.31	596	-7.53	16612.00	15517.00	18.96	597	-28.73	19209.00	16208.00	4.62
599	387.40	610.24	112.85	598	25.94	14466.00	15120.00	-13.33	599	4.63	16724.00	15759.00	13.11	600	-17.31	18791.00	16316.00	40.25
602	386.97	611.26	113.00	601	0.30	15193.00	15546.00	-810.94	602	-417.41	16799.00	15873.00	3.96	603	-598.27	17676.00	15044.00	916.58
605	386.88	611.39	113.02	604	204.49	18297.00	16559.00	-801.95	605	120.80	17663.00	16325.00	-31.90	606	261.33	17230.00	16215.00	827.92
608	386.11	613.20	113.29	607	-42.81	19420.00	17186.00	-37.88	608	-63.61	17746.00	16679.00	-21.71	609	-84.01	16179.00	16199.00	-5.92
611	385.33	615.01	113.56	610	-8.48	19599.00	17576.00	-32.11	611	-25.93	17792.00	17053.00	-30.94	612	-42.95	15960.00	16507.00	-29.83
614	384.54	616.81	113.83	613	4.39	19740.00	17913.00	-50.57	614	-16.10	17762.00	17358.00	-37.97	615	-36.14	15934.00	16818.00	-25.70
617	383.74	618.61	114.09	616	-15.26	19730.00	18162.00	-48.50	617	-35.76	17786.00	17629.00	-43.52	618	-55.81	15936.00	17086.00	-38.70
620	382.93	620.41	114.36	619	0.95	19683.00	18378.00	-57.32	620	-21.15	17771.00	17860.00	-47.20	621	-42.80	16036.00	17352.00	-37.32
623	382.11	622.20	114.63	622	-10.85	19557.00	18529.00	-55.76	623	-33.12	17783.00	18052.00	-49.75	624	-54.94	16151.00	17576.00	-43.67
626	381.29	623.98	114.90	625	-2.23	19413.00	18652.00	-59.12	626	-25.22	17775.00	18211.00	-51.13	627	-47.86	16310.00	17784.00	-43.05
629	380.45	625.77	115.17	628	-7.55	19234.00	18731.00	-57.47	629	-30.74	17780.00	18338.00	-51.61	630	-53.67	16469.00	17956.00	-45.79
632	379.61	627.55	115.44	631	-3.07	19054.00	18786.00	-58.30	632	-28.70	17776.00	18438.00	-51.54	633	-50.10	16641.00	18106.00	-44.88
635	378.76	629.32	115.70	634	-5.69	18868.00	18811.00	56.65	635	-29.46	17778.00	18513.00	-51.10	636	-53.04	16803.00	18227.00	-45.62
638	377.91	631.09	115.97	637	-3.69	18693.00	18817.00	5.20	638	-27.66	17775.00	18565.00	-50.38	639	-51.49	16961.00	18326.00	-44.63
641	377.04	632.86	116.24	640	-5.12	18526.00	18805.00	-54.65	641	-29.14	17775.00	18599.00	-49.52	642	-53.07	17103.00	18402.00	-44.42
644	376.16	634.63	116.51	643	-4.34	18378.00	18781.00	-53.76	644	-28.44	17773.00	18617.00	-48.55	645	-52.46	17233.00	18460.00	-43.40
647	375.28	636.39	116.78	646	-5.25	18245.00	18747.00	-52.37	647	-29.32	17772.00	18621.00	-47.57	648	-53.35	17347.00	18499.00	-42.79

ter Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
650	374.39	638.14	117.05	649	-5.08	18130.00	18708.00	-51.32	650	-29.13	17770.00	18614.00	-46.57	651	-53.17	17448.00	18524.00	-41.83
653	373.49	639.89	117.31	652	-5.68	18032.00	18665.00	-50.18	653	-29.68	17770.00	18598.00	-45.66	654	-53.70	17533.00	18535.00	-41.14
656	372.58	641.64	117.58	655	-5.79	17951.00	18620.00	-49.32	656	-29.68	17768.00	18576.00	-44.85	657	-53.61	17605.00	18535.00	-40.37
659	371.67	643.38	117.85	658	-6.10	17885.00	18573.00	-48.51	659	-30.04	17767.00	18549.00	-44.14	660	-54.03	17663.00	18526.00	-39.74
662	370.74	645.12	118.12	661	-6.76	17832.00	18527.00	-47.87	662	-30.08	17766.00	18519.00	-43.55	663	-53.46	17710.00	18511.00	-39.22
665	369.81	646.85	118.39	664	-5.09	17789.00	18482.00	-47.37	665	-30.19	17765.00	18486.00	-43.12	666	-55.34	17747.00	18490.00	-38.86
668	368.87	648.58	118.66	667	3.45	17821.00	18458.00	-7.50	668	-28.83	17766.00	18452.00	-2.85	669	-61.23	17718.00	18447.00	1.89
671	368.80	648.72	118.68	670	8.78	17790.00	18448.00	-54.70	671	-30.19	17768.00	18450.00	-50.08	672	-69.25	17753.00	18453.00	-45.38
674	367.64	650.92	119.00	673	-5.64	17710.00	18380.00	-53.24	674	-30.09	17768.00	18408.00	-48.94	675	-54.62	17831.00	18437.00	-44.62
677	366.48	652.91	119.33	676	-7.53	17717.00	18343.00	-53.49	677	-30.47	17767.00	18368.00	-49.12	678	-53.51	17824.00	18394.00	-44.72
680	365.30	654.99	119.66	679	-7.54	17723.00	18306.00	-53.88	680	-30.72	17766.00	18328.00	-49.53	681	-53.98	17817.00	18352.00	-45.11
683	364.11	657.06	119.98	682	-7.63	17725.00	18267.00	-54.37	683	-30.50	17766.00	18290.00	-50.01	684	-53.46	17812.00	18313.00	-45.62
686	362.91	659.13	120.31	685	-7.04	17718.00	18226.00	-54.86	686	-29.74	17765.00	18252.00	-50.53	687	-52.51	17815.00	18279.00	-46.18
689	361.70	661.19	120.63	688	-6.57	17700.00	18183.00	-55.53	689	-29.07	17765.00	18217.00	-51.16	690	-51.64	17830.00	18250.00	-46.77
692	360.47	663.25	120.96	691	-5.81	17669.00	18138.00	-56.18	692	-28.00	17764.00	18183.00	-51.88	693	-50.30	17862.00	18229.00	-47.55
695	359.24	665.30	121.29	694	-4.78	17623.00	18093.00	-57.05	695	-27.08	17764.00	18154.00	-52.71	696	-49.50	17920.00	18217.00	-48.34
698	357.99	667.34	121.61	697	-5.30	17561.00	18048.00	-57.77	698	-26.23	17763.00	18129.00	-53.66	699	-47.32	18021.00	18217.00	-49.51
701	356.73	669.37	121.94	700	1.68	17480.00	18007.00	-58.81	701	-23.27	17763.00	18113.00	-54.72	702	-48.39	18178.00	18233.00	-50.57
704	355.46	671.40	122.26	703	0.29	17452.00	17992.00	-50.47	704	-29.34	17779.00	18111.00	-46.47	705	-59.21	18285.00	18248.00	-42.37
707	354.17	673.42	122.59	706	-1.13	17515.00	18018.00	-42.44	707	-26.30	17796.00	18121.00	-38.99	708	-51.63	18203.00	18239.00	-35.44
710	352.88	675.43	122.92	709	-4.44	17604.00	18065.00	-45.03	710	-25.56	17796.00	18140.00	-41.06	711	-46.81	18038.00	18221.00	-37.03
713	351.57	677.43	123.24	712	-4.32	17681.00	18117.00	-47.50	713	-26.81	17796.00	18165.00	-42.91	714	-49.40	17924.00	18216.00	-38.28
716	350.26	679.43	123.57	715	-5.43	17746.00	18171.00	-49.46	716	-27.78	17796.00	18197.00	-44.50	717	-50.21	17847.00	18223.00	-39.53
719	348.93	681.42	123.89	718	-5.72	17802.00	18227.00	-51.18	719	-28.38	17795.00	18232.00	-45.82	720	-51.09	17791.00	18237.00	-40.45
722	347.59	683.40	124.22	721	-6.30	17849.00	18282.00	-52.47	722	-29.11	17795.00	18268.00	-46.86	723	-51.96	17749.00	18256.00	-41.26
725	346.24	685.37	124.55	724	-6.47	17888.00	18332.00	-53.50	725	-29.45	17794.00	18302.00	-47.63	726	-52.47	17715.00	18276.00	-41.78
728	344.88	687.34	124.87	727	-6.44	17920.00	18375.00	-54.09	728	-29.62	17793.00	18333.00	-48.05	729	-52.82	17688.00	18295.00	-42.03
731	343.50	689.30	125.20	730	-6.30	17947.00	18411.00	-54.55	731	-29.50	17792.00	18359.00	-48.29	732	-52.73	17667.00	18311.00	-42.04
734	342.12	691.25	125.52	733	-6.44	17971.00	18438.00	-54.93	734	-29.71	17791.00	18378.00	-48.51	735	-53.01	17649.00	18322.00	-42.11
737	340.72	693.19	125.85	736	-6.46	17993.00	18455.00	-55.17	737	-29.77	17790.00	18388.00	-48.66	738	-53.10	17632.00	18325.00	-42.12
740	339.32	695.13	126.18	739	-6.61	18013.00	18461.00	-55.39	740	-29.92	17789.00	18388.00	-48.78	741	-53.24	17615.00	18321.00	-42.12
743	337.90	697.05	126.50	742	-6.70	18032.00	18456.00	-55.55	743	-29.97	17788.00	18379.00	-48.95	744	-53.27	17599.00	18308.00	-42.19
746	336.47	696.97	126.83	745	-6.85	18046.00	18437.00	-55.86	746	-30.13	17788.00	18359.00	-49.21	747	-53.34	17585.00	18287.00	-42.[illegible]
749	335.03	700.88	127.15	748	-6.90	18055.00	18405.00	-56.30	749	-29.98	17786.00	18328.00	-49.50	750	-53.08	17575.00	1825[illegible]	[illegible]
752	333.58	702.79	127.48	751	-7.06	18056.00	18360.00	-56.87	752	-29.96	17786.00	18287.00	-50.12	753	-52.87	17573.00	18222[illegible]	[illegible]
755	332.12	704.68	127.81	754	-6.88	18041.00	18300.00	-57.51	755	-29.51	17785.00	18238.00	-50.92	756	-52.12	17583.00	18182.[illegible]	-4[illegible].5

ster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
758	330.65	706.57	128.13	757	-6.46	18005.00	18227.00	-58.33	758	-28.75	17785.00	18182.00	-51.79	759	-51.05	17607.00	18141.00	-45.23
761	329.17	708.44	128.46	760	-5.50	17944.00	18145.00	-59.17	761	-27.40	17784.00	18122.00	-52.80	762	-49.32	17650.00	18100.00	-46.43
764	327.67	710.31	128.78	763	-4.64	17855.00	18056.00	-60.35	764	-26.16	17785.00	18059.00	-54.05	765	-47.72	17721.00	18062.00	-47.73
767	326.17	712.17	129.11	766	-3.33	17740.00	17961.00	-61.56	767	-24.18	17785.00	17996.00	-55.59	768	-45.12	17838.00	18032.00	-49.61
770	324.66	714.02	129.44	769	-1.26	17597.00	17862.00	-63.24	770	-22.36	17786.00	17937.00	-57.44	771	-43.39	18030.00	18014.00	-51.58
773	323.13	715.87	129.76	772	-2.63	17423.00	17758.00	-64.76	773	-20.60	17786.00	17883.00	-59.58	774	-38.79	18336.00	18017.00	-54.31
776	321.60	717.70	130.09	775	11.92	17207.00	17657.00	-66.78	776	-15.22	17788.00	17843.00	-61.94	777	-42.62	18765.00	18046.00	-56.98
779	320.05	719.53	130.41	778	9.37	17108.00	17610.00	-47.42	779	-28.53	17818.00	17829.00	-43.19	780	-66.96	19044.00	18068.00	-38.71
782	318.50	721.34	130.74	781	6.68	17229.00	17648.00	-29.69	782	-20.84	17848.00	17839.00	-26.54	783	-48.64	18858.00	18045.00	-23.11
785	316.93	723.15	131.07	784	-1.95	17419.00	17730.00	-35.54	785	-20.08	17851.00	17865.00	-31.29	786	-38.43	18467.00	18006.00	-26.87
788	315.35	724.95	131.39	787	-1.45	17577.00	17818.00	-41.12	788	-22.69	17852.00	17904.00	-35.66	789	-44.07	18189.00	17993.00	-30.11
791	313.77	726.74	131.72	790	-4.07	17706.00	17905.00	-45.73	791	-24.95	17854.00	17954.00	-39.55	792	-45.92	18011.00	18004.00	-33.33
794	312.17	728.52	132.04	793	-4.88	17811.00	17992.00	-49.75	794	-26.40	17855.00	18011.00	-42.89	795	-47.98	17905.00	18032.00	-36.02
797	310.56	730.29	132.37	796	-6.46	17887.00	18077.00	-52.94	797	-28.31	17856.00	18073.00	-45.63	798	-50.19	17840.00	18072.00	-38.34
800	308.94	732.06	132.70	799	-6.98	17937.00	18159.00	-55.37	800	-29.24	17857.00	18138.00	-47.80	801	-51.52	17803.00	18122.00	-40.26
803	307.32	733.81	133.02	802	-7.51	17960.00	18235.00	-56.93	803	-30.18	17857.00	18205.00	-49.16	804	-52.88	17786.00	18178.00	-41.41
806	305.68	735.55	133.35	805	-7.08	17965.00	18306.00	-57.81	806	-29.97	17857.00	18270.00	-50.12	807	-52.91	17786.00	18240.00	-42.30
809	304.03	737.29	133.68	808	-7.48	17955.00	18369.00	-58.43	809	-30.62	17857.00	18334.00	-50.69	810	-53.81	17795.00	18304.00	-42.78
812	302.38	739.01	134.00	811	-6.29	17940.00	18428.00	-58.31	812	-29.67	17856.00	18395.00	-50.75	813	-53.10	17806.00	18368.00	-43.14
815	300.71	740.73	134.33	814	-6.76	17923.00	18480.00	-58.40	815	-30.31	17856.00	18453.00	-50.52	816	-53.92	17814.00	18429.00	-42.59
818	299.03	742.44	134.65	817	-5.23	17914.00	18532.00	-57.64	818	-29.04	17854.00	18508.00	-50.03	819	-52.90	17817.00	18487.00	-42.40
821	297.35	744.13	134.98	820	-6.58	17914.00	18582.00	-57.56	821	-30.53	17854.00	18560.00	-49.31	822	-54.53	17805.00	18538.00	-41.05
824	295.65	745.82	135.31	823	-4.23	17934.00	18635.00	-56.10	824	-28.44	17850.00	18608.00	-48.34	825	-52.70	17781.00	18584.00	-40.57
827	293.95	747.50	135.63	826	-7.16	17970.00	18688.00	-56.18	827	-31.43	17851.00	18653.00	-47.25	828	-55.73	17733.00	18617.00	-38.34
830	292.23	749.16	135.96	829	-3.25	18036.00	18748.00	-53.87	830	-27.81	17846.00	18693.00	-45.86	831	-52.39	17667.00	18641.00	-37.83
833	290.51	750.82	136.28	832	-8.09	18123.00	18803.00	-54.42	833	-32.82	17848.00	18725.00	-44.29	834	-57.52	17565.00	18644.00	-34.24
836	288.77	752.47	136.61	835	-1.68	18251.00	18864.00	-50.96	836	-25.95	17840.00	18747.00	-42.58	837	-50.16	17444.00	18634.00	-34.19
839	287.03	754.11	136.94	838	-7.39	18397.00	18912.00	-52.84	839	-34.25	17846.00	18754.00	-40.79	840	-60.97	17274.00	18590.00	-28.93
842	285.28	755.74	137.26	841	-7.34	18596.00	18955.00	-47.71	842	-24.17	17832.00	18740.00	-39.03	843	-40.90	17094.00	18531.00	-30.42
845	283.52	757.36	137.59	844	-0.48	18708.00	18949.00	-81.24	845	-31.48	17831.00	18698.00	-71.09	846	-62.23	16977.00	18454.00	-61.12
848	280.57	760.02	138.13	847	16.39	18935.00	18861.00	-81.43	848	-17.97	17831.00	18565.00	-68.21	849	-52.08	16741.00	18253.00	-55.19
851	277.60	762.66	138.67	850	-6.98	19360.00	18745.00	-86.76	851	-24.99	17840.00	18315.00	-68.33	852	-42.71	16299.00	17878.00	-50.23
854	274.61	765.27	139.21	853	6.96	19744.00	18444.00	-88.12	854	-11.02	17833.00	17907.00	-71.48	855	-28.64	15941.00	17375.00	-55.13
857	271.59	767.85	139.75	856	-14.38	19915.00	17864.00	-101.41	857	-22.67	17854.00	17298.00	-79.69	858	-30.60	15761.00	16724.00	-58.42
860	268.55	770.40	140.29	859	-6.57	19739.00	16958.00	-109.32	860	-8.26	17855.00	16466.00	-94.53	861	-9.78	16000.00	15983.00	-79.77
863	265.48	772.92	140.84	862	-42.82	18905.00	15627.00	-135.14	863	-27.38	17899.00	15424.00	-118.49	864	-12.00	16851.00	15208.00	-102.09

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
866	262.39	775.41	141.38	865	-39.78	17182.00	13907.00	-151.45	866	-23.49	17315.00	14242.00	-152.61	867	-7.69	18702.00	14594.00	-153.58
869	259.28	777.88	141.92	868	-89.32	14136.00	1[illegible]822.00	-189.60	869	-19.47	17991.00	13111.00	-197.39	870	48.86	21822.00	14394.00	-203.47
872	256.1[illegible]	780.31	142.46	871	-59.39	9841.90	[illegible]71.50	-191.38	872	-183.88	18042.00	12261.00	-233.51	873	-310.20	26350.00	14788.00	-273.22
875	252.98	782.72	143.00	874	359.66	8646.30	9655.60	1175.20	875	-20.29	16858.00	11969.00	270.17	876	-50.30	25357.00	14476.00	-1430.10
878	251.48	783.85	143.26	877	225.95	2898.70	8425.00	1409.10	878	-200.40	7556.30	9513.80	632.56	879	438.69	10574.00	10425.00	-2412.90
881	249.98	784.97	143.51	880	-184.71	2283.60	8684.90	485.32	881	-392.16	5487.20	9259.80	126.02	88[illegible]	-204.11	6180.90	9207.70	-895.56
884	247.27	786.96	143.97	883	21.52	3105.60	9792.60	-17.15	884	-8.95	4967.90	9997.50	-24.53	885	-40.18	6637.10	10[illegible]45.00	-30.53
887	244.55	788.92	144.43	886	30.81	3247.70	10702.00	-8[illegible]	887	-18.01	4826.40	10785.00	19.20	888	-67.11	6543.90	10315.00	46.59
890	241.81	790.87	144.89	889	5.48	3814.60	11732.00	52.79	890	-41.76	4798.30	11668.00	69.81	891	-88.85	5949.90	11599.00	86.64
893	239.05	792.79	145.34	892	32.06	4450.30	12961.00	96.80	893	-21.87	4697.00	12595.00	128.60	894	-74.69	4980.20	12240.00	158.78
896	236.28	794.69	145.80	895	5.86	5727.10	14323.00	157.32	896	-47.02	4608.80	13544.00	194.91	897	-97.58	3490.30	12759.00	229.08
899	233.49	796.57	146.26	898	102.24	7558.90	15874.00	219.02	899	28.19	4483.00	14516.00	269.93	900	-41.50	1482.10	13163.00	314.61
902	230.69	798.42	146.72	901	-136.91	9878.00	17405.00	420.21	902	-139.40	4287.50	15366.00	328.94	903	-140.95	-1033.70	13360.00	234.55
905	225.89	801.86	147.52	904	-214.17	11908.00	19387.00	587.05	905	-223.19	3928.50	16778.00	296.49	906	-219.58	-3513.90	14257.00	11.99
908	221.39	805.68	148.32	907	-251.20	12418.00	20539.00	428.59	908	-238.45	3650.60	[illegible]877.00	116.30	909	-211.81	-4487.00	15318.00	-184.40
911	217.22	809.87	149.09	910	-180.64	11063.00	20616.00	269.32	911	-220.06	3399.60	[illegible]125.00	5.98	912	-248.64	-3712.70	16323.00	-245.15
914	213.41	814.38	149.85	913	-105.83	8720.50	19815.00	134.18	914	-165.00	3173.30	18359.00	-43.98	915	-217.29	-1980.00	16968.00	-212.84
917	209.99	819.19	150.57	916	-27.46	6122.80	18429.00	37.76	917	-102.48	2975.10	17739.00	-47.91	918	-175.21	44.25	17087.00	-127.98
920	206.97	824.26	151.25	919	35.63	3787.40	16753.00	-17.37	920	-44.27	2806.30	16715.00	-22.39	921	-125.72	1893.60	16691.00	-25.18
923	204.38	829.57	151.89	922	78.73	2007.50	15048.00	-37.43	923	0.69	2666.30	15475.00	16.62	924	-81.50	3301.40	15899.00	71.10
926	202.23	835.08	152.47	925	100.52	874.28	13506.00	-31.93	926	29.20	2554.60	14199.00	56.55	927	-48.59	4166.50	14877.00	144.63
929	200.55	840.74	153.01	928	109.44	[illegible]6.50	12235.00	-12.75	929	44.54	2468.70	13026.00	89.23	930	-24.84	4524.50	13796.00	189.36
932	199.34	846.52	153.48	931	97.88	206.64	11261.00	[illegible].47	932	42.47	2408.20	12035.00	108.95	933	-19.58	4[illegible]16.90	12788.00	206.26
935	198.61	852.38	153.90	934	95.67	327.36	10565.00	26.16	935	49.48	2368.10	11268.00	114.53	936	-1.40	4328.60	11953.00	200.38
938	198.37	858.28	154.25	937	118.14	599.85	10131.00	85.12	938	30.81	2448.20	10749.00	127.64	939	-65.25	3769.00	1[illegible]211.00	222.06
941	198.31	858.78	154.28	940	-131.08	401.29	9968.40	-180.29	941	-239.20	2666.40	10705.00	-128.00	942	-178.28	3312.90	11013.00	466.24
944	198.32	860.78	[illegible]4.39	943	28.51	183.35	9848.50	-493.24	944	-155.40	3578.30	10868.00	-462.45	945	163.96	8106.60	11784.00	1303.10
947	198.32	862.78	[illegible]4.50	946	220.69	1562.10	10307.00	-516.18	947	154.85	8649.10	12449.00	-133.32	948	320.81	16285.00	14805.00	810.63
950	198.32	863.78	154.55	949	75.21	792.31	10148.00	228.61	950	-81.55	9500.80	12738.00	254.04	951	-242.59	18472.00	15412.00	279.80
953	198.32	864.78	154.61	952	-61.85	2854.80	10971.00	234.62	953	-35.80	9603.00	13028.00	221.32	954	-13.13	16191.00	15041.00	207.96
956	198.32	865.78	154.66	955	15.69	4821.40	11921.00	182.46	956	-10.25	9535.90	13354.00	190.25	957	-38.60	14345.00	14818.00	198.07
959	198.32	866.78	154.71	958	-25.09	6408.10	12790.00	164.48	959	-39.32	9568.00	13761.00	161.14	960	-55.18	12681.00	14721.00	157.78
962	198.32	867.78	154.76	961	-4.87	7804.50	13664.00	130.72	962	-22.79	9546.80	14211.00	133.03	963	-41.65	11316.00	14767.00	135.34
965	198.32	868.83	154.82	964	-13.61	8957.70	14506.00	109.17	965	-33.35	9553.50	14710.00	108.61	966	-53.46	10138.00	14910.00	108.03
968	198.32	869.88	154.87	967	-9.02	9913.30	15302.00	85.02	968	-29.07	9546.50	15218.00	85.80	969	-49.02	9185.60	15135.00	86.60
971	198.32	870.93	154.93	970	-10.26	10656.00	16026.00	65.71	971	-32.17	9546.80	15719.00	65.88	972	-53.64	8433.50	15411.00	66.04

ster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
974	198.32	871.98	154.98	973	-7.65	11221.00	16681.00	48.18	974	-30.91	9542.90	16203.00	48.71	975	-53.49	7866.30	15726.00	49.25
977	198.32	873.03	155.04	976	-7.22	11628.00	17261.00	33.75	977	-31.73	9541.50	16661.00	34.11	978	-55.36	7453.30	16060.00	34.48
980	198.32	874.08	155.09	979	-5.24	11905.00	17769.00	21.49	980	-31.34	9539.00	17085.00	21.87	981	-56.42	7174.00	16401.00	22.24
983	198.32	875.13	155.15	982	-4.79	12070.00	18205.00	11.36	983	-30.67	9537.40	17472.00	11.77	984	-55.48	7004.60	16737.00	12.19
986	198.32	876.18	155.20	985	1.13	12144.00	18576.00	2.77	986	-30.71	9538.50	17819.00	3.44	987	-61.37	6934.20	17061.00	4.10
989	198.32	877.23	155.25	988	-16.74	12135.00	18874.00	-3.53	989	-31.28	9539.20	18125.00	-3.47	990	-44.73	6946.00	17377.00	-3.42
992	198.32	878.28	155.31	991	7.13	11876.00	19069.00	-38.22	992	-33.24	9537.00	18391.00	-38.18	993	-72.63	7198.60	17712.00	-38.14
995	198.32	880.55	155.42	994	-2.16	11472.00	19395.00	-15.72	995	-33.72	9532.30	18840.00	-15.75	996	-64.47	7591.30	18285.00	-15.77
998	198.32	882.81	155.53	997	-3.37	11114.00	19590.00	-18.12	998	-32.94	9528.80	19144.00	-18.08	999	-61.88	7942.90	18697.00	-18.03
1001	198.32	885.08	155.64	1000	0.07	10736.00	19664.00	-17.65	1001	-32.59	9525.60	19330.00	-17.56	1002	-64.80	8314.50	18996.00	-17.47
1004	198.32	887.34	155.75	1003	1.23	10384.00	19657.00	-15.56	1004	-31.94	9522.20	19427.00	-15.40	1005	-64.83	8660.00	19198.00	-15.24
1007	198.32	889.61	155.86	1006	2.08	10084.00	19601.00	-12.67	1007	-31.48	9518.80	19461.00	-12.49	1008	-64.91	8953.40	19321.00	-12.31
1010	198.32	891.88	155.97	1009	2.38	9845.50	19522.00	-9.65	1010	-31.06	9515.30	19453.00	-9.44	1011	-64.48	9185.10	13384.00	-9.23
1013	198.32	894.14	156.08	1012	2.31	9567.80	19437.00	-6.83	1013	-30.81	9511.70	19421.00	-6.62	1014	-64.00	9355.50	19405.00	-6.42
1016	198.32	896.41	156.19	1015	2.07	9544.40	19358.00	-4.46	1016	-30.63	9508.00	19378.00	-4.25	1017	-63.45	9471.70	19398.00	-4.03
1019	198.32	898.67	156.29	1018	1.70	9465.30	19289.00	-2.59	1019	-30.56	9504.20	19332.00	-2.38	1020	-62.98	9543.10	19375.00	-2.17
1022	198.32	900.94	156.40	1021	1.33	9[illegible].30	19234.00	-1.23	1022	-30.52	9500.40	19289.00	-1.02	1023	-62.55	9580.60	19345.00	-0.82
1025	198.32	903.20	156.50	1024	0.97	9399.10	19192.00	-0.32	1025	-30.53	9496.60	19253.00	-0.12	1026	-62.22	9594.10	19313.00	0.08
1028	198.32	905.47	156.61	1027	0.67	9393.10	19162.00	0.22	1028	-30.55	9492.70	19223.00	0.41	1029	-61.97	9592.40	19285.00	0.60
1031	198.32	907.73	156.71	1030	0.43	9395.40	19142.00	0.46	1031	-30.58	9488.90	19202.00	0.64	1032	-61.79	9582.50	19261.00	0.83
1034	198.32	910.00	156.81	1033	0.26	9400.50	19130.00	0.49	1034	-30.61	9485.10	19187.00	0.67	1035	-61.67	9569.70	19244.00	0.85
1037	198.32	912.27	156.91	1036	0.16	9405.10	19124.00	0.39	1037	-30.63	9481.30	19178.00	0.56	1038	-61.61	9557.50	19233.00	0.74
1040	198.32	914.53	157.01	1039	0.13	9406.90	19123.00	0.22	1040	-30.64	9477.50	19176.00	0.39	1041	-61.59	9548.20	19228.00	0.57
1043	198.32	916.80	157.11	1042	0.14	9405.30	19126.00	0.05	1043	-30.64	9473.80	19178.00	0.22	1044	-61.62	9542.40	19230.00	0.39
1046	198.32	919.06	157.21	1045	0.21	9400.80	19134.00	-0.07	1046	-30.64	9470.10	19186.00	0.10	1047	-61.68	9539.50	19238.00	0.27
1049	198.32	921.33	157.31	1048	0.34	9395.30	19146.00	-0.08	1049	-30.64	9466.50	19198.00	0.09	1050	-61.80	9537.70	19251.00	0.27
1052	198.32	923.59	157.41	1051	0.51	9391.70	19164.00	0.09	1052	-30.64	9462.80	19216.00	0.26	1053	-61.97	9534.00	19269.00	0.44
1055	198.32	925.86	157.50	1054	0.72	9394.50	19189.00	0.49	1055	-30.65	9459.20	19239.00	0.67	1056	-62.19	9523.90	19290.00	0.85
1058	198.32	928.13	157.60	1057	0.96	9409.30	19222.00	1.18	1058	-30.68	9455.60	19267.00	1.36	1059	-62.48	9502.00	19312.00	1.55
1061	198.32	930.39	157.69	1060	1.20	9442.50	19265.00	2.22	1061	-30.74	9452.00	19299.00	2.41	1062	-62.83	9461.50	[illegible]9333.00	2.60
1064	198.32	932.66	157.79	1063	1.41	9501.80	19316.00	3.62	1064	-30.84	9448.40	19331.00	3.82	1065	-63.21	939[illegible]	19346.00	4.02
1067	198.32	934.92	157.88	1066	1.55	9594.60	19374.00	5.37	1067	-31.00	9444.80	19360.00	5.58	1068	-63.63	9294.90	19346.00	5.80
1070	198.32	937.19	157.97	1069	1.47	9727.30	19432.00	7.40	1070	-31.22	9441.20	19377.00	7.63	1071	-63.92	9154.90	19322.00	7.85
1073	198.32	939.45	158.06	1072	1.34	9903.40	19483.00	9.53	1073	-31.53	9437.50	19374.00	9.77	1074	-64.33	8971.30	19265.00	10.01
1076	198.32	941.72	158.16	1075	0.03	10121.00	19512.00	11.45	1076	-31.88	9433.80	19337.00	11.70	1077	-63.60	8746.10	19161.00	11.95
1079	198.32	943.98	158.25	1078	1.03	10371.00	19501.00	12.69	1079	-32.40	9430.00	19249.00	12.94	1080	-65.51	8489.00	18996.00	13.20

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1082	198.32	946.25	158.34	1081	-1.37	10664.00	19432.00	12.96	1082	-32.66	9426.50	19091.00	19.21	1083	-63.51	8187.90	18749.00	19.47
1085	198.32	948.25	158.41	1084	-7.37	10921.00	19294.00	10.56	1085	-32.81	9423.40	18876.00	10.78	1086	-57.69	7925.00	18458.00	11.00
1088	198.32	950.25	158.49	1087	-4.88	11064.00	19039.00	6.01	1088	-33.11	9420.50	18576.00	6.21	1089	-60.68	7776.40	18112.00	6.40
1091	198.32	952.25	158.57	1090	-12.45	11084.00	18649.00	-2.02	1091	-33.12	9417.80	18180.00	-1.87	1092	-53.15	7750.60	17[illegible]	[illegible].02
1094	198.32	954.25	158.65	1093	-3.40	10910.00	18109.00	-14.48	1094	-32.96	9415.40	17689.00	-14.42	1095	-61.93	7919.60	17268.[illegible]	[illegible].35
1097	198.32	956.25	158.72	1096	-4.25	10673.00	17461.00	-7.39	1097	-32.46	9413.70	17110.00	-7.26	1098	-60.20	8152.50	16759.[illegible]	-7.13
1100	198.32	957.20	158.76	1099	-8.87	10388.00	17071.00	-43.44	1100	-30.51	9412.50	16808.00	-43.49	1101	-51.82	8439.40	16544.[illegible]	-43.53
1103	198.32	958.16	158.79	1102	-6.61	9939.10	16624.00	-56.04	1103	-32.46	9413.30	16172.00	-55.68	1104	-58.19	8803.00	16361.00	-55.32
1106	198.32	959.11	158.83	1105	-4.65	9379.30	16136.00	-68.76	1106	-28.20	9409.30	15851.00	-69.40	1107	-51.90	9448.00	16211.00	-70.04
1109	198.32	960.06	158.87	1108	-12.59	8680.60	15604.00	-86.07	1109	-35.64	9415.20	15540.00	-84.67	1110	-59.17	10132.00	16093.00	-83.25
1112	198.32	961.01	158.90	1111	2.35	7859.60	15051.00	-98.47	1112	-19.63	9400.80	15248.00	-101.44	1113	-42.49	10980.00	16041.00	-104.45
1115	198.32	961.97	158.94	1114	-27.39	6840.40	14445.00	-125.72	1115	-48.52	9428.70	14987.00	-119.70	1116	-71.02	11942.00	16029.00	-113.63
1118	198.32	962.92	158.97	1117	22.86	5738.20	13872.00	-126.66	1118	2.61	9371.30	14790.00	-139.22	1119	-19.57	13158.00	16151.00	-151.87
1121	198.32	963.87	159.01	1120	-42.40	4290.10	13207.00	-184.35	1121	-61.45	9481.10	14583.00	-159.85	1122	-83.08	14387.00	16290.00	-135.22
1124	198.32	964.82	159.04	1123	-51.32	2959.10	12661.00	-134.58	1124	-71.66	9285.60	14121.00	-181.26	1125	-95.32	16109.00	16658.00	-228.11
1127	198.32	965.78	159.08	1126	568.29	3688.30	13009.00	587.49	1127	478.42	7381.00	13963.00	-180.13	1128	385.48	19185.00	17666.00	-950.42
1130	198.32	965.88	159.08	1129	-381.06	4995.00	13116.00	905.63	1130	278.41	7049.20	14017.00	-113.41	1131	728.11	9786.30	14966.00	-784.95
1133	198.32	966.25	159.10	1132	-835.44	5167.10	13029.00	-3.36	1133	-696.89	8204.40	13965.00	-3.52	1134	-139.71	4165.20	13026.00	-0.84
1136	198.32	966.63	159.11	1135	-382.50	4962.50	13105.00	-911.94	1136	293.44	7045.80	14118.00	114.58	1137	770.44	9808.90	14983.00	792.16
1139	198.32	966.73	159.11	1138	554.95	3646.30	12991.00	-586.63	1139	468.68	7388.10	14587.00	184.68	1140	379.47	19217.00	17671.00	958.83
1142	198.32	967.73	159.15	1141	-52.99	2962.90	12664.00	138.07	1142	-74.92	9293.20	14805.00	181.64	1143	-100.16	16085.00	16651.00	225.39
1145	198.32	968.73	159.19	1144	-40.84	4363.90	13246.00	181.66	1145	-58.64	9474.30	15020.00	158.73	1146	-78.98	14312.00	16284.00	135.65
1148	198.32	969.73	159.22	1147	22.04	5848.00	13940.00	124.20	1148	2.16	9366.00	15303.00	136.97	1149	-19.58	13036.00	16148.00	149.81
1151	198.32	970.73	159.26	1150	-28.07	6973.10	14544.00	122.41	1151	-48.71	9421.10	15617.00	116.59	1152	-70.65	11792.00	16040.00	110.74
1154	198.32	971.73	159.30	1153	2.66	8001.50	15176.00	94.13	1154	-18.96	9389.90	15951.00	97.69	1155	-41.39	10819.00	16071.00	101.28
1157	198.32	972.73	159.33	1156	-13.16	8817.20	15751.00	81.68	1157	-36.02	9403.20	15951.00	80.47	1158	-59.28	9969.70	16146.00	79.25
1160	198.32	973.73	159.37	1159	-4.60	9502.30	16302.00	63.79	1160	-27.80	9394.20	16294.00	64.95	1161	-51.08	9296.20	16289.00	66.11
1163	198.32	974.73	159.40	1162	-5.99	10040.00	16804.00	51.26	1163	-32.50	9396.50	16634.00	51.16	1164	-58.82	8748.50	16463.00	51.07
1166	198.32	975.73	159.44	1165	-11.21	10461.00	17260.00	38.52	1166	-30.32	9393.50	16965.00	39.08	1167	-49.06	8328.50	16617.00	39.64
1169	198.32	976.73	159.47	1168	-1.53	10683.00	17647.00	-0.94	1169	-32.23	9392.80	17281.00	-0.67	1170	-62.44	8101.20	16915.00	-0.40
1172	198.32	978.93	159.55	1171	-2.52	10839.00	18322.00	10.16	1172	-32.48	9389.40	17908.00	10.52	1173	-61.87	7941.90	17496.00	10.89
1175	198.32	981.13	159.63	1174	-11.23	10951.00	18877.00	-0.84	1175	-32.60	9386.90	18432.00	-0.67	1176	-53.36	7829.20	17989.00	-0.49
1178	198.32	983.33	159.71	1177	-1.61	10886.00	19273.00	-6.87	1178	-30.36	9385.40	18847.00	-6.63	1179	-58.52	7897.00	18423.00	-6.38
1181	198.32	985.53	159.78	1180	0.76	10746.00	19537.00	-7.97	1181	-29.38	9394.70	19159.00	-7.36	1182	-59.03	8054.30	18783.00	-6.76
1184	198.32	987.73	159.86	1183	6.17	10606.00	19708.00	-5.32	1184	-26.67	9404.10	19378.00	-5.21	1185	-59.08	8222.10	19057.00	-5.10
1187	198.32	989.94	159.93	1186	5.33	10492.00	19810.00	-2.77	1187	-28.93	9403.10	19515.00	-2.84	1188	-62.87	8358.00	19231.00	-2.91

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1190	198.32	992.14	160.01	1189	5.53	10416.00	19848.00	0.16	1150	-28.93	9403.10	19573.00	0.12	1191	-63.07	8432.50	19307.00	0.08
1193	198.32	994.34	160.08	1192	4.46	10403.00	19834.00	3.92	1193	-29.83	9403.50	19562.00	3.88	1194	-63.81	8420.60	19294.00	3.85
1196	198.32	996.54	160.16	1195	3.08	10475.00	19775.00	7.18	1196	-30.54	9403.40	19482.00	7.20	1197	-63.80	8337.20	19191.00	7.23
1199	198.32	998.74	160.23	1198	0.86	10613.00	19661.00	9.32	1199	-31.52	9403.40	19328.00	9.33	1200	-63.46	8194.40	18995.00	9.34
1202	198.32	1000.94	160.30	1201	-2.23	10781.00	19471.00	9.35	1202	-32.21	9403.20	19089.00	9.39	1203	-61.67	8025.40	18706.00	9.43
1205	198.32	1003.15	160.37	1204	-4.73	10922.00	19180.00	6.40	1205	-32.92	9403.20	18755.00	6.40	1206	-60.50	7884.00	18329.00	6.40
1208	198.32	1005.35	160.45	1207	-13.02	10958.00	18753.00	-0.77	1208	-33.18	9403.30	18316.00	-0.77	1209	-52.74	7847.90	17880.00	-0.78
1211	198.32	1007.55	160.52	1210	-3.19	10792.00	18163.00	-13.24	1211	-33.09	9403.80	17769.00	-13.34	1212	-62.46	8015.40	17378.00	-13.43
1214	198.32	1009.75	160.59	1213	-1.99	10576.00	17454.00	-2.57	1214	-32.45	9405.00	17125.00	-2.58	1215	-62.48	8233.60	16796.00	-2.59
1217	198.32	1010.70	160.62	1216	-10.60	10313.00	17067.00	-43.47	1217	-30.39	9405.20	16819.00	-43.65	1218	-49.88	8500.20	16573.00	-43.83
1220	198.32	1011.66	160.65	1219	-5.98	9865.80	16618.00	-56.00	1220	-32.37	9407.20	16502.00	-55.77	1221	-58.66	8944.60	16386.00	-55.54
1223	198.32	1012.61	160.68	1222	-4.69	9307.80	16128.00	-68.65	1223	-18.10	9404.40	16179.00	-69.43	1224	-51.69	9510.20	16235.00	-70.22
1226	198.32	1013.56	160.71	1225	-12.47	8611.40	15594.00	-85.92	1226	-15.56	9411.70	15857.00	-84.65	1227	-59.17	10195.00	16115.00	-83.38
1229	198.32	1014.51	160.74	1228	2.45	7792.80	15041.00	-98.24	1229	-19.51	9398.40	15545.00	-101.39	1230	-42.39	11042.00	16062.00	-104.55
1232	198.32	1015.47	160.77	1231	-27.39	6776.30	14435.00	-125.51	1232	-48.53	9427.60	15253.00	-119.60	1233	-71.07	12004.00	16051.00	-113.67
1235	198.32	1016.42	160.80	1234	23.02	5677.20	13862.00	-126.32	1235	2.78	9371.30	14994.00	-139.10	1236	-19.41	13220.00	16173.00	-151.96
1238	198.32	1017.37	160.83	1237	-42.43	4231.90	13200.00	-184.15	1238	-64.56	9482.70	14798.90	-159.72	1239	-83.28	14447.00	16313.00	-135.15
1241	198.32	1018.32	160.86	1240	-51.63	2905.00	12655.00	-134.06	1241	-71.83	9287.70	14593.00	-181.11	1242	-95.36	16169.00	16683.00	-228.31
1244	198.32	1019.28	160.89	1243	570.35	3644.00	13008.00	590.59	1244	410.17	7378.00	14133.00	-180.35	1245	386.95	19249.00	17695.00	-953.98
1247	198.32	1019.38	160.89	1246	-383.30	4958.20	13117.00	909.75	1247	271.89	7045.60	13976.00	-113.58	1248	730.67	9817.60	14987.00	-788.10
1250	198.32	1019.75	160.90	1249	-840.04	5132.80	13032.00	-3.38	1250	-702.97	8205.10	14030.00	-3.90	1251	-143.08	4177.90	13043.00	-1.27
1253	198.32	1020.13	160.91	1252	-384.52	4929.00	13110.00	-916.38	1253	294.33	7042.70	13981.00	114.22	1254	772.97	9839.60	15008.00	-4.75
1256	198.32	1020.23	160.92	1255	557.08	3610.20	12996.00	-589.57	1256	470.56	7386.30	14135.00	185.14	1257	381.03	19275.00	17704.00	962.56
1259	198.32	1021.23	160.95	1258	-53.35	2930.60	12675.00	138.89	1259	-75.37	9298.90	14609.00	182.51	1260	-100.72	16130.00	16684.00	226.28
1262	198.32	1022.23	160.98	1261	-41.12	4345.20	13265.00	182.96	1262	-58.97	9481.70	14831.00	159.68	1263	-79.37	14345.00	16318.00	136.32
1265	198.32	1023.23	161.01	1264	22.05	5845.10	13968.00	125.41	1265	2.09	9374.30	15052.00	138.08	1266	-19.75	13056.00	16183.00	150.82
1268	198.32	1024.23	161.04	1267	-28.27	6987.00	14580.00	123.92	1268	-49.02	9430.70	15339.00	117.89	1269	-71.06	11797.00	16076.00	111.83
1271	198.32	1025.23	161.07	1270	2.62	8034.20	15223.00	95.84	1271	-19.74	9400.50	15659.00	99.22	1272	-41.65	10807.00	16108.00	102.63
1274	198.32	1026.23	161.10	1273	-13.27	8870.30	15808.00	83.66	1274	-36.31	9415.00	15998.00	82.26	1275	-59.75	9939.50	16182.00	80.84
1277	198.32	1027.23	161.13	1276	-4.73	9578.90	16369.00	66.09	1277	-27.94	9407.00	16345.00	67.02	1278	-51.20	9245.20	16324.00	67.95
1280	198.32	1028.23	161.16	1279	-5.72	10142.00	16881.00	53.79	1280	-32.94	9410.60	16689.00	53.53	1281	-59.95	8673.70	16494.00	53.27
1283	198.32	1029.23	161.19	1282	-12.92	10591.00	17346.00	41.52	1283	-30.27	9408.20	17022.00	41.76	1284	-47.21	8228.10	16698.00	42.00
1286	198.32	1030.23	161.22	1285	0.72	10825.00	17739.00	-3.19	1286	-33.25	9408.40	17340.00	-3.17	1287	-66.67	7990.00	16940.00	-3.16
1289	198.32	1032.65	161.29	1288	-2.33	11021.00	18479.00	12.62	1289	-33.97	9407.00	18024.00	12.74	1290	-64.96	7792.00	17567.00	12.86
1292	198.32	1035.08	161.36	1291	-13.42	11211.00	19077.00	2.00	1292	-34.23	9406.80	18568.00	2.00	1293	-54.33	7602.20	18059.00	2.01
1295	198.32	1037.51	161.44	1294	-4.49	11216.00	19472.00	-2.96	1295	-34.17	9407.00	18960.00	-2.99	1296	-63.12	7597.00	18447.00	-3.03

Oyster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1298	198.32	1039.94	161.51	1297	-3.04	11143.00	19689.00	-4.08	1298	-33.94	9407.40	19198.00	-4.14	1299	-64.15	7670.50	18707.00	-4.21
1301	198.32	1042.36	161.58	1300	-1.27	11060.00	19756.00	-3.21	1301	-33.55	9407.80	19289.00	-3.27	1302	-65.17	7755.10	18822.00	-3.33
1304	198.32	1 44.79	161.65	1303	-1.86	10991.00	687.00	-2.09	1304	-33.09	9407.90	19241.00	-2.09	1305	-63.71	7823.90	18793.00	-2.09
1307	198.32	104. 22	161.72	1306	-2.64	10928.00	19484.00	-2.48	1307	-33.31	9408.00	19057.00	-2.46	1308	-63.38	7887.60	18629.00	-2.44
1310	198.32	1049.8	161.78	1309	-10.34	10817.00	19134.00	-5.86	1310	-33.16	9408.50	18744.00	-5.87	1311	-55.44	7998.90	18353.00	-5.88
1313	198.32	1052.07	161.85	1312	1.30	10574.00	18631.00	-13.75	1313	-32.79	9409.20	18311.00	-13.84	1314	-66.46	8243.40	17990.00	-13.94
1316	198.32	1054.50	161.92	1315	5.35	10392.00	18045.00	7.32	1316	-32.27	9410.50	17779.00	7.35	1317	-69.56	8428.10	17512.00	7.39
1319	198. 2	1055.47	161.95	1318	-1. 52	10216.00	17751.00	-35.51	1319	-30.36	9410.70	17543.00	-35.66	1320	-47.97	8607.30	17336.00	-35.82
1322	198.32	1056.43	161.97	1321	-3.10	9852.70	17399.00	-44.48	1322	-32.25	9412.60	17298.00	-44.26	1323	-61.32	8968.70	17196.00	-44.05
1325	198.32	1057.40	162.00	1324	-3.33	9408.70	17015.00	-53.38	1325	-28.42	9410.10	17047.00	-54.07	1326	-53.67	9419.80	17082.00	-54.76
1328	198.32	1058.36	162.03	1327	-9.80	8862.10	16598.00	-66.24	1328	-35.11	9416.50	16796.00	-65.11	1329	-60.84	9955.90	16990.00	-63.96
1331	198.32	1059.33	162.05	1330	3.29	8228.30	16169.00	-74.60	1331	-21.01	9404.80	16553.00	-77.34	1332	-46.03	10616.00	16949.00	-80.10
1334	198.32	1060.29	162.08	1333	-22.86	7481.90	15697.00	-95.88	1334	-46.53	9430.20	16325.00	-90.74	1335	-71.28	11355.00	16936.00	-85.58
1337	198.32	1061.26	162.11	1336	21.58	6603.80	15257.00	-94.19	1337	-1.47	9381.60	16123.00	-105.15	1338	-26.02	12294.00	17029.00	-116.17
1340	198.32	1062.22	162.13	1339	-38.11	5487.50	14741.00	-141.36	1340	-59.89	9477.20	15970.00	-120.45	1341	-83.69	13223.00	17128.00	-99.45
1343	198.32	1063.19	162.16	1342	-32.69	4493.00	14532.00	-96.34	1343	-56.77	9309.40	15809.00	-136.39	1344	-83.42	14558.00	17417.00	-176.59
1346	198.32	1064.15	162.19	1345	442.39	5213.50	14648.00	487.12	1346	367.96	7701.50	15413.00	-130.30	1347	291.17	17053.00	18233.00	-749.87
1349	198.32	1064.25	162.19	1348	-328.90	5962.80	14641.00	727.43	1349	33.53	7822.50	15351.00	-102.13	1350	372.12	8524.90	15711.00	-634.96
1352	198.32	1064.50	162.19	1351	-1013.40	5728.00	14364.00	-4.90	1352	-745.51	9191.50	15527.00	-6.65	1353	-77.31	3503.30	14077.00	-3.36
1355	198.32	1064.75	162.20	1354	-331.90	5940.50	14633.00	-737.60	1355	52.94	7819.00	15355.00	97.32	1356	431.12	8542.20	15734.00	636.50
1358	198.32	1064.85	162.20	1357	437.99	5174.30	14634.00	-491.24	1358	364.61	7704.90	15413.00	130.87	1359	288.89	17092.00	18244.00	755.14
1361	198.32	1065.85	162.23	1360	-35.14	4463.70	14326.00	96.82	1361	-59.62	9316.80	15814.00	134.72	1362	-86.69	14579.00	17426.00	172.74
1364	198.32	1066.85	162.26	1363	-36.80	5482.90	14752.00	138.14	1364	-58.02	9476.90	15983.00	117.92	1365	-81.25	13235.00	17146.00	97.63
1367	198.32	1067.85	162.28	1366	21.00	6603.60	15283.00	91.15	1367	-1 80	9383.90	16149.00	102.05	1368	-26.11	12297.00	17057.00	112.99
1370	198.32	1068.85	162.31	1369	-23.20	7439.00	15738.00	92.50	1370	-46.60	9432.70	16368.00	87.24	1371	-71.09	11361.00	16980.00	81.95
1373	198 32	1069.85	162.34	1372	3.64	8215.40	16225.00	70.71	1373	-20.49	9406.90	16615.00	73.60	1374	-45.34	10634.00	17015.00	76.50
1376	198.32	1070.85	162.36	1375	-9.97	8831.20	16670.00	62.54	1376	-35.13	9419.40	16877.00	61.27	1377	-60.70	9991.10	17080.00	59.99
1379	198.32	1071.85	162.39	1378	-2.74	9355.70	17102.00	49.48	1379	-27.94	9412.80	17149.00	50.28	1380	-53.31	9478.30	17198.00	51.08
1382	198.32	1072.85	162.42	1381	-3.17	9773.60	17501.00	41.01	1382	-31.76	9415.60	17421.00	40.68	1383	-60.31	9053.90	17339.00	40.34
1385	198.32	1073.85	162.44	1384	-9.96	10110.00	17869.00	32.12	1385	-29.94	9414.20	17688.00	32.43	1386	-49.73	8720.80	17507.00	32.75
1388	198.32	1074.85	162.47	1387	3.60	10278.00	18185.00	-4.09	1388	-31.04	9414.80	17945.00	-4.08	1389	-65.39	8553.20	17705.00	-4.07
1391	198.32	1077.07	162.53	1390	5.08	10444.00	18763.00	14.07	1391	-29.07	9413.80	18468.00	14.21	1392	-62.84	8399.00	18174.00	14.35
1394	198.32	1079.28	162.59	1393	-5.54	10680.00	19280.00	8.41	1394	-31.44	9421.30	18917.00	8.80	1395	-56.94	8191.30	18554.00	9.20
1397	198.32	1081.50	162.64	1396	0.83	10838.00	19681.00	6.99	1397	-31.60	9429.00	19273.00	7.13	1398	-63.49	8039.30	18865.00	7.28
1400	198.32	1083.71	162.70	1399	2.31	10996.00	19973.00	8.90	1400	-31.45	9429.10	19524.00	8.95	1401	-64.59	7865.20	19074.00	9.00
1403	198.32	1085.93	162.76	1402	2.75	11224.00	20173.00	12.90	1403	-32.64	9428.90	19662.00	13.07	1404	-67.31	7634.00	19150.00	13.24

yster Creek Drywell with Sand - Load Combination Case V (Accident condition without Thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1406	198.32	1088.14	162.81	1405	1.86	11545.00	20277.00	18.05	1406	-33.59	9428.70	19673.00	18.17	1407	-68.15	7311.50	19069.00	18.30
1409	198.32	1090.36	162.87	1408	-0.05	11963.00	20263.00	22.52	1409	-34.67	9428.30	19537.00	22.75	1410	-68.21	6893.40	18809.00	22.98
1412	198.32	1092.57	162.92	1411	-4.53	12445.00	20092.00	24.82	1412	-35.41	9427.60	19223.00	24.99	1413	-64.95	6410.90	18351.00	25.14
1415	198.32	1094.79	162.98	1414	-7.10	12918.00	19710.00	22.46	1415	-36.92	9427.30	18698.00	22.70	1416	-65.20	5936.10	17684.00	22.93
1418	198.32	1097.00	163.03	1417	3.09	13397.00	19086.00	42.43	1418	-36.17	9428.40	17925.00	42.30	1419	-73.67	5460.80	16764.00	42.18
1421	198.32	1098.00	163.06	1420	-18.21	13679.00	18725.00	5.04	1421	-31.53	9429.90	17487.00	5.20	1422	-42.96	5184.10	16248.00	5.35
1424	198.32	1099.00	163.08	1423	-3.61	13678.00	18234.00	-4.65	1424	-34.06	9431.60	16990.00	-4.58	1425	-62.60	5182.00	15744.00	-4.50
1427	198.32	1100.00	163.11	1426	-7.90	13573.00	17646.00	-16.76	1427	-31.75	9430.10	16433.00	-17.00	1428	-53.74	5290.20	15221.00	-17.24
1430	198.32	1101.00	163.13	1429	-10.90	13334.00	16958.00	-32.85	1430	-34.80	9433.10	15817.00	-32.38	1431	-56.96	5524.40	14672.00	-31.91
1433	198.32	1102.00	163.15	1432	-7.59	12943.00	16171.00	-49.86	1433	-28.56	9428.40	15144.00	-51.01	1434	-47.96	5926.80	14121.00	-52.17
1436	198.32	1103.00	163.18	1435	-17.56	12346.00	15267.00	-75.16	1436	-39.40	9439.10	14421.00	-73.17	1437	-59.97	6505.40	13567.00	-71.17
1439	198.32	1104.00	163.20	1438	-8.13	11552.00	14268.00	-94.61	1439	-18.19	9419.90	13656.00	-99.07	1440	-27.37	7341.60	13061.00	-103.55
1442	198.32	1105.00	163.23	1441	-9.89	10443.00	13140.00	-136.99	1442	-52.19	9459.30	12861.00	-128.93	1443	-94.11	8378.00	12555.00	-120.85
1445	198.32	1106.00	163.25	1444	-89.31	9128.80	11912.00	-146.50	1445	-6.03	9388.30	12042.00	-162.85	1446	76.81	9844.30	12233.00	-179.25
1448	198.32	1107.00	163.28	1447	-142.50	5755.80	10078.00	-155.31	1448	-31.91	9198.20	11168.00	47.80	1449	15.20	12882.00	12316.00	-339.42
1451	198.47	1108.25	163.29	1450	-307.45	-1062.60	7035.30	-493.78	1451	-173.98	6128.50	9259.30	410.76	1452	-263.97	13606.00	11511.00	-397.96
1454	198.63	1109.50	163.31	1453	244.83	-4429.60	5360.50	-548.34	1454	175.49	4643.20	8087.00	182.80	1455	-72.84	14280.00	10942.00	-199.18
					1	91	910	97		2	872	1406	878		3	3	1014	879
					2782.40	22723.00	20616.00	2037.00		6605.70	18942.00	19673.00	632.56		10426.00	32943.00	19405.00	-2412.90

ster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)
2	247.08	106.93	36.00
5	248.68	108.10	36.27
8	250.28	109.28	36.54
11	251.87	110.46	36.81
14	253.45	111.66	37.08
17	255.03	112.86	37.35
20	256.61	114.06	37.62
23	258.18	115.28	37.89
26	259.74	116.50	38.16
29	261.30	117.73	38.43
32	262.85	118.97	38.70
35	264.39	120.21	38.98
38	265.93	121.46	39.25
41	267.47	122.72	39.52
44	269.00	123.99	39.79
47	270.52	125.26	40.06
50	272.03	126.54	40.33
53	273.54	127.83	40.60
56	275.05	129.13	40.87
59	276.54	130.43	41.14
62	278.04	131.74	41.41
65	279.54	133.07	41.68
68	281.03	134.41	41.96
71	282.52	135.75	42.23
74	284.01	137.11	42.50
77	285.48	138.47	42.78
80	286.96	139.83	43.05
83	288.42	141.21	43.33
86	289.88	142.59	43.60
89	291.33	143.98	43.87
92	292.77	145.37	44.15
95	294.21	146.77	44.42
98	294.65	147.04	44.49
101	295.08	147.31	44.56
104	296.51	148.72	44.83
107	297.92	150.14	45.10

Outside Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1	2799.50	-1606.40	313.15	376.86
4	-394.11	1222.40	374.10	400.87
7	30.57	6831.00	2827.80	319.41
10	-46.47	11391.00	4970.00	214.94
13	-52.95	14692.00	6869.60	151.36
16	-24.07	17104.00	8527.60	79.23
19	-40.16	18659.00	9918.40	34.30
22	-21.93	19597.00	11068.00	-10.41
25	-30.08	19997.00	11915.00	-38.01
28	-20.43	20016.00	12508.00	-62.60
31	-23.97	19721.00	12861.00	-77.33
34	-19.23	19204.00	13016.00	-89.71
37	-21.10	18506.00	12999.00	-96.73
40	-20.34	17669.00	12843.00	-103.32
43	-21.95	16710.00	12576.00	-107.40
46	-23.70	15640.00	12228.00	-112.08
49	-24.49	14464.00	11827.00	-115.17
52	-28.09	13178.00	11401.00	-119.45
55	-26.58	11795.00	10988.00	-121.23
58	-33.06	10318.00	10621.00	-124.36
61	-25.16	8786.50	10351.00	-122.15
64	-34.77	7254.60	10231.00	-119.31
67	-19.42	5885.10	10357.00	-101.62
70	-34.25	4771.20	10779.00	-86.11
73	-3.13	4156.30	11619.00	-46.80
76	-30.33	4170.90	12906.00	-14.29
79	28.49	5232.20	14805.00	60.95
82	-17.43	7479.00	17225.00	115.25
85	52.80	11530.00	19905.00	240.99
88	86.72	17330.00	20730.00	304.33
91	-334.42	25463.00	15675.00	462.28
94	938.78	28067.00	1640.20	3165.80
97	1305.20	15975.00	-1465.20	4192.80
100	147.01	7964.10	-3839.90	1267.00
103	34.39	10156.00	-1390.80	235.52
106	-28.27	12871.00	1195.40	176.94

Middle Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
2	6608.10	15244.00	6533.40	417.10
5	-1680.30	15301.00	4332.70	375.75
8	413.87	15203.00	5610.50	290.47
11	-120.11	15121.00	6260.90	212.60
14	-6.02	15112.00	7212.60	144.39
17	-19.31	15056.00	8109.50	86.76
20	-31.01	15058.00	8978.00	39.13
23	-21.17	15038.00	9781.90	1.05
26	-32.68	15050.00	10470.00	-28.80
29	-26.87	15054.00	11024.00	-51.51
32	-32.27	15076.00	11446.00	-68.57
35	-29.53	15094.00	11743.00	-81.21
38	-32.53	15120.00	11930.00	-90.88
41	-32.45	15144.00	12026.00	-98.77
44	-34.27	15171.00	12054.00	-105.63
47	-35.97	15197.00	12038.00	-112.14
50	-36.66	15221.00	12007.00	-118.53
53	-40.11	15247.00	11991.00	-124.89
56	-39.19	15269.00	12021.00	-130.90
59	-45.39	15298.00	12134.00	-135.89
62	-40.99	15320.00	12365.00	-139.33
65	-53.69	15361.00	12758.00	-136.76
68	-43.61	15391.00	13353.00	-126.14
71	-63.64	15457.00	14183.00	-107.30
74	-40.96	15496.00	15277.00	-77.28
77	-77.44	15605.00	16652.00	-33.05
80	-30.01	15654.00	18305.00	29.02
83	-94.41	15842.00	20156.00	111.38
86	-13.98	15910.00	21687.00	216.89
89	-70.98	16239.00	20863.00	339.48
92	-156.23	16233.00	13456.00	459.44
95	317.39	15599.00	-1882.60	50.33
98	-438.73	12784.00	-2563.60	6.01
101	-548.51	11156.00	-2701.50	595.97
104	27.84	9925.60	-1065.50	264.77
107	-17.09	9768.60	662.13	199.80

Inside Nodes

Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
3	10414.00	32882.00	12962.00	448.91
6	-2965.60	29456.00	8336.80	345.13
9	793.45	23555.00	8418.10	258.47
12	-194.70	18932.00	7578.30	208.50
15	40.36	15471.00	7538.40	137.19
18	-14.30	13049.00	7705.50	94.72
21	-21.20	11416.00	8053.70	45.13
24	-19.48	10491.00	8517.60	13.91
27	-34.20	10077.00	9022.20	-17.96
30	-32.30	10093.00	9542.30	-38.56
33	-39.59	10413.00	10026.00	-58.13
36	-38.88	10980.00	10468.00	-71.32
39	-43.17	11724.00	10858.00	-83.77
42	-43.98	12615.00	11208.00	-93.26
45	-46.25	13627.00	11531.00	-103.25
48	-48.16	14751.00	11849.00	-111.97
51	-49.06	15983.00	12190.00	-122.07
54	-52.68	17317.00	12581.00	-130.93
57	-52.72	18758.00	13059.00	-141.61
60	-59.03	20281.00	13649.00	-148.90
63	-58.54	21881.00	14388.00	-158.49
66	-74.73	23466.00	15288.00	-156.65
69	-70.30	24945.00	16366.00	-153.59
72	-95.83	26129.00	17586.00	-131.68
75	-81.79	26916.00	18964.00	-111.20
78	-127.56	26989.00	20389.00	-55.13
81	-91.30	26208.00	21851.00	-6.31
84	-173.59	24046.00	23051.00	105.50
87	-82.06	20407.00	23514.00	190.79
90	-228.20	14565.00	20834.00	376.11
93	23.19	7039.80	11250.00	458.43
96	946.06	5166.40	-4431.70	-1118.60
99	-240.41	6901.10	-3866.10	-2426.10
102	-918.00	9107.10	-2995.40	-1096.50
105	20.75	9438.10	-815.43	244.19
108	-5.53	6823.70	175.18	222.99

yster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

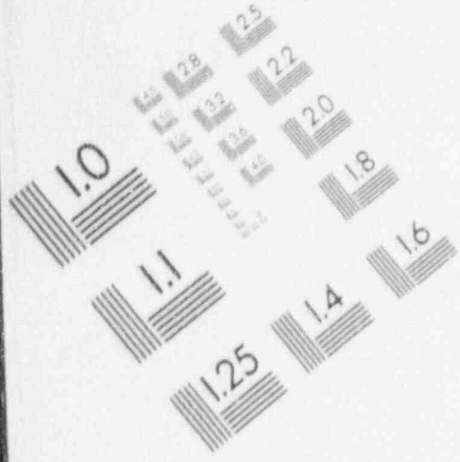
Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
110	299.33	151.56	45.37	109	-47.58	14786.00	3498.50	139.88	110	-46.60	9792.40	2382.60	142.71	111	-44.33	4684.70	1231.20	147.28
113	300.74	152.99	45.65	112	-12.09	16258.00	5596.90	76.39	113	-14.31	9720.20	3998.50	94.00	114	-14.61	3215.60	2407.50	113.66
116	302.13	154.42	45.92	115	-28.80	17206.00	7412.00	41.14	116	-34.86	9714.80	5503.30	52.56	117	-38.52	2169.10	3575.50	66.61
119	303.52	155.87	46.19	118	-11.78	17796.00	9004.20	2.48	119	-22.13	9684.00	6882.20	18.18	120	-29.78	1560.30	4753.50	36.69
122	304.91	157.31	46.47	121	-18.39	18048.00	10354.00	-22.92	122	-29.52	9676.10	8126.30	-9.96	123	-37.79	1269.80	5885.30	5.98
125	306.28	158.77	46.74	124	0.44	18050.00	11498.00	-46.24	125	-21.62	9665.80	9236.30	-32.43	126	-40.72	1257.40	6963.80	-15.65
128	307.65	160.23	47.01	127	-47.26	17841.00	12422.00	-61.59	128	-42.72	9664.30	10204.00	-50.01	129	-35.44	1459.00	7973.50	-35.52
131	309.01	161.70	47.28	130	45.74	17152.00	13126.00	-125.77	131	14.06	9666.10	11078.00	-103.36	132	-15.09	2167.60	9021.50	-78.22
134	312.35	165.36	47.96	133	26.40	15876.00	14389.00	-141.23	134	15.96	9686.70	12687.00	-114.10	135	7.63	3485.30	10977.00	-84.63
137	315.65	169.06	48.64	136	26.25	14401.00	14978.00	-133.29	137	-4.04	9713.40	13680.00	-115.31	138	-32.63	5024.00	12376.00	-95.59
140	318.91	172.81	49.31	139	24.01	13002.00	15138.00	-116.53	140	-11.12	9747.80	14237.00	-107.31	141	-44.72	6494.90	13332.00	-96.68
143	322.12	176.58	49.99	142	22.18	11867.00	15073.00	-96.33	143	-16.43	9784.90	14496.00	-93.61	144	-54.18	7703.20	13917.00	-90.18
146	325.28	180.40	50.66	145	21.02	11088.00	14930.00	-76.06	146	-17.98	9823.50	14571.00	-77.33	147	-56.47	8558.30	14209.00	-78.19
149	328.40	184.25	51.34	148	23.04	10723.00	14801.00	-57.64	149	-15.35	9860.80	14533.00	-60.32	150	-53.40	9046.90	14265.00	-62.70
152	331.48	188.14	52.01	151	7.10	10712.00	14685.00	-50.25	152	-12.58	9904.80	14418.00	-51.94	153	-32.07	9262.10	14154.00	-53.32
155	334.51	192.07	52.69	154	-8.14	10639.00	14460.00	-61.18	155	-22.52	9969.50	14227.00	-64.33	156	-37.35	9519.20	13998.00	-67.28
158	337.49	196.03	53.36	157	3.46	10267.00	14066.00	-58.48	158	-19.78	10024.00	13961.00	-65.10	159	-44.98	9902.80	13859.00	-71.71
161	340.00	199.45	53.94	160	7.50	9892.90	13678.00	-51.67	161	-23.48	10047.00	13705.00	-59.48	162	-54.55	10224.00	13733.00	-67.37
164	342.48	202.89	54.52	163	0.31	9704.10	13351.00	-46.21	164	-27.77	10067.00	13460.00	-54.37	165	-56.04	10436.00	13570.00	-62.67
167	344.93	206.36	55.10	166	-3.06	9642.60	13096.00	-42.18	167	-30.21	10087.00	13245.00	-50.60	168	-57.60	10545.00	13394.00	-59.15
170	347.34	209.85	55.68	169	-5.58	9660.00	12908.00	-40.04	170	-31.47	10105.00	13066.00	-48.16	171	-57.63	10575.00	13226.00	-56.40
173	349.71	213.36	56.25	172	-7.25	9722.70	12777.00	-38.66	173	-32.40	10121.00	12926.00	-46.80	174	-57.79	10551.00	13077.00	-54.75
176	352.05	216.90	56.83	175	-7.59	9808.20	12689.00	-38.39	176	-31.95	10137.00	12819.00	-46.07	177	-56.55	10495.00	12952.00	-53.61
179	354.35	220.46	57.41	178	-7.51	9901.40	12634.00	-38.83	179	-31.33	10151.00	12742.00	-45.99	180	-55.41	10426.00	12851.00	-53.05
182	356.62	224.05	57.99	181	-7.41	9992.60	12601.00	-39.85	182	-30.94	10165.00	12686.00	-46.41	183	-54.70	10357.00	12774.00	-52.89
185	358.85	227.66	58.57	184	-7.13	10074.00	12580.00	-40.92	185	-30.44	10178.00	12647.00	-47.08	186	-53.96	10297.00	12715.00	-53.14
188	361.04	231.29	59.14	187	-7.09	10140.00	12567.00	-42.24	188	-30.42	10191.00	12620.00	-47.91	189	-53.90	10251.00	12673.00	-53.54
191	363.20	234.94	59.72	190	-6.85	10188.00	12557.00	-43.34	191	-29.60	10203.00	12600.00	-48.81	192	-52.50	10224.00	12644.00	-54.20
194	365.32	238.61	60.30	193	-8.26	10205.00	12543.00	-45.77	194	-30.34	10216.00	12587.00	-50.83	195	-52.49	10230.00	12630.00	-55.88
197	367.41	242.31	60.88	196	-7.83	10196.00	12524.00	-47.54	197	-30.68	10229.00	12579.00	-53.04	198	-53.63	10283.00	12635.00	-58.34
200	369.45	246.03	61.45	199	-7.71	10112.00	12502.00	-48.24	200	-30.84	10240.00	12578.00	-53.78	201	-54.13	10369.00	12654.00	-59.39
203	371.46	249.76	62.03	202	-5.79	10018.00	12491.00	-48.00	203	-29.25	10250.00	12590.00	-54.18	204	-52.92	10485.00	12691.00	-60.46
206	373.43	253.52	62.61	205	-6.13	9894.40	12495.00	-48.19	206	-28.08	10261.00	12620.00	-54.20	207	-50.28	10628.00	12745.00	-60.29
209	375.36	257.30	63.19	208	-0.85	9758.80	12527.00	-46.77	209	-28.60	10269.00	12672.00	-53.65	210	-56.64	10801.00	12818.00	-60.68
212	377.26	261.09	63.77	211	-5.47	9647.00	12588.00	-46.14	212	-13.93	10280.00	12756.00	-52.16	213	-22.84	10995.00	12925.00	-58.30
215	379.11	264.91	64.34	214	-48.09	9193.80	12562.00	-87.01	215	-28.41	10372.00	12892.00	-93.73	216	-9.73	11703.00	13234.00	-100.67

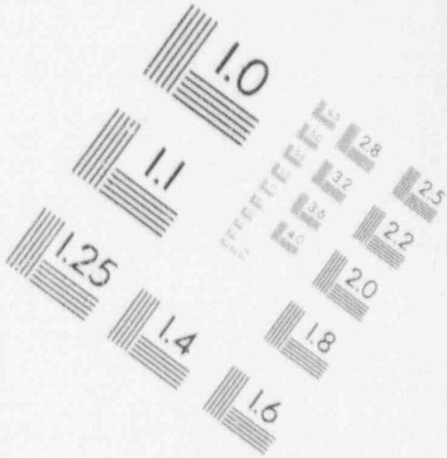
ster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

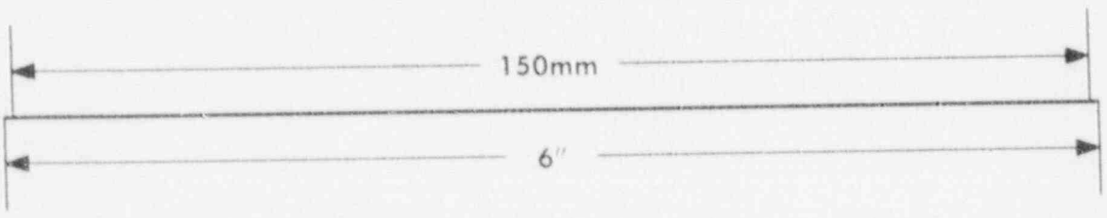
Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
218	380.93	268.74	64.92	217	-14.91	7831.10	12311.00	-116.46	218	-45.15	10461.00	13086.00	-135.14	219	-76.55	13208.00	13866.00	-154.43
221	382.71	272.59	65.50	220	-6.61	6351.90	12191.00	-79.10	221	-40.35	10474.00	13432.00	-96.38	222	-75.69	14637.00	14680.00	-114.53
224	383.49	274.32	65.76	223	10.63	5477.70	12154.00	-78.67	224	-21.63	10476.00	13676.00	-93.83	225	-56.03	15520.00	15212.00	-110.06
227	384.26	276.04	66.02	226	-10.27	4808.60	12231.00	-72.11	227	-34.70	10492.00	13975.00	-87.83	228	-61.59	16179.00	15721.00	-104.64
230	385.03	277.78	66.27	229	-5.56	4234.20	12420.00	-59.91	230	-32.77	10487.00	14346.00	-79.87	231	-62.63	16791.00	16290.00	-101.16
233	385.79	279.51	66.53	232	24.62	3720.40	12718.00	-54.29	233	-4.05	10509.00	14815.00	-69.75	234	-35.65	17291.00	16914.00	-86.44
236	386.54	281.25	66.79	235	130.34	4031.60	13369.00	-229.02	236	-176.44	10794.00	15389.00	-265.34	237	-487.71	16278.00	17037.00	552.34
239	386.75	282.00	66.90	238	50.87	10293.00	15458.00	-1153.00	239	-245.04	12678.00	16192.00	-180.97	240	-289.20	14323.00	16780.00	1317.60
242	386.97	282.74	67.00	241	295.74	19867.00	18644.00	-974.20	242	303.70	15423.00	17443.00	-16.19	243	512.77	11978.00	16587.00	792.80
245	387.40	283.76	67.15	244	-150.57	22330.00	19576.00	-105.55	245	-69.82	15684.00	17742.00	-66.63	246	12.25	9408.90	16009.00	-27.26
248	387.82	284.77	67.30	247	1.28	21775.00	19760.00	-54.13	248	-52.02	15830.00	18083.00	-68.25	249	-103.74	9683.50	16339.00	-81.48
251	388.24	285.79	67.45	250	8.43	21421.00	19919.00	-80.64	251	-8.11	15752.00	18326.00	-68.55	252	-23.27	10206.00	16761.00	-55.91
254	388.67	286.80	67.60	253	-16.05	20952.00	19996.00	-67.00	254	-43.01	15795.00	18543.00	-68.40	255	-68.68	10603.00	17071.00	-69.16
257	389.08	287.82	67.75	256	1.27	20546.00	20070.00	-71.77	257	-22.97	15778.00	18725.00	-67.60	258	-46.04	11056.00	17385.00	-62.93
260	389.50	288.84	67.90	259	-7.69	20123.00	20098.00	-67.29	260	-33.38	15790.00	18874.00	-66.41	261	-57.99	11470.00	17645.00	-65.04
263	389.91	289.86	68.05	262	-4.88	19725.00	20108.00	-66.43	263	-28.40	15789.00	18995.00	-64.82	264	-50.96	11836.00	17884.00	-62.79
266	390.32	290.88	68.20	265	0.91	19338.00	20095.00	-63.68	266	-30.23	15794.00	19090.00	-62.97	267	-60.48	12278.00	18085.00	-61.84
269	390.73	291.90	68.35	268	-28.40	18969.00	20052.00	-61.24	269	-32.63	15796.00	19160.00	-60.88	270	-36.21	12660.00	18270.00	-60.17
272	391.13	292.93	68.50	271	24.63	18353.00	19942.00	-102.02	272	-21.12	15800.00	19216.00	-99.98	273	-66.32	13290.00	18493.00	-97.58
275	392.28	295.87	68.93	274	2.71	17529.00	19754.00	-92.14	275	-21.34	15810.00	19276.00	-89.64	276	-45.02	14142.00	18802.00	-86.83
278	393.40	298.82	69.36	277	5.64	16832.00	19515.00	-82.72	278	-26.66	15818.00	19240.00	-82.59	279	-58.74	14867.00	18970.00	-82.21
281	394.50	301.77	69.79	280	0.94	16308.00	19270.00	-74.17	281	-28.42	15827.00	19153.00	-76.02	282	-57.68	15416.00	19043.00	-77.53
284	395.58	304.74	70.22	283	-0.50	15938.00	19049.00	-66.85	284	-29.77	15835.00	19046.00	-70.94	285	-59.09	15798.00	19047.00	-73.01
287	396.64	307.71	70.65	286	-0.94	15701.00	18872.00	-60.56	287	-28.57	15842.00	18940.00	-64.52	288	-56.28	16033.00	19011.00	-68.49
290	397.67	310.69	71.08	289	-2.36	15570.00	18745.00	-56.89	290	-28.55	15852.00	18849.00	-61.01	291	-54.87	16159.00	18955.00	-65.15
293	398.68	313.68	71.51	292	-1.37	15520.00	18666.00	-53.62	293	-27.57	15860.00	18779.00	-57.82	294	-53.90	16209.00	18893.00	-62.05
296	399.67	316.68	71.94	295	2.21	15559.00	18637.00	-49.76	296	-23.40	15867.00	18730.00	-53.48	297	-49.13	16200.00	18823.00	-57.23
299	400.64	319.68	72.37	298	6.54	15716.00	18657.00	-46.28	299	-19.41	15873.00	18696.00	-49.31	300	-45.45	16166.00	18737.00	-52.37
302	401.58	322.69	72.80	301	11.15	15991.00	18712.00	-43.57	302	-10.01	15879.00	18670.00	-45.23	303	-31.27	16140.00	18632.00	-46.87
305	402.51	325.71	73.23	304	-5.74	16195.00	18731.00	-47.30	305	-22.93	15906.00	18639.00	-48.67	306	-40.71	16140.00	18553.00	-50.33
308	403.41	328.73	73.66	307	7.76	16095.00	18641.00	-52.85	308	-13.11	15932.00	18586.00	-56.26	309	-34.07	16127.00	18537.00	-59.71
311	404.28	331.76	74.09	310	9.15	15877.00	18496.00	-53.38	311	-15.94	15937.00	18514.00	-56.61	312	-41.10	16109.00	18533.00	-59.86
314	405.13	334.80	74.52	313	2.69	15780.00	18374.00	-54.20	314	-21.30	15941.00	18442.00	-57.03	315	-45.39	16146.00	18512.00	-59.88
317	405.97	337.84	74.95	316	-1.46	15771.00	18286.00	-54.74	317	-25.81	15946.00	18382.00	-57.45	318	-50.28	16200.00	18480.00	-60.15
320	406.77	340.89	75.38	319	-4.28	15796.00	18235.00	-55.08	320	-28.74	15950.00	18340.00	-57.71	321	-53.25	16227.00	18448.00	-60.21
323	407.56	343.95	75.8*	322	-5.36	15827.00	18218.00	-54.12	323	-29.81	15955.00	18317.00	-57.17	324	-54.28	16210.00	18420.00	-59.92

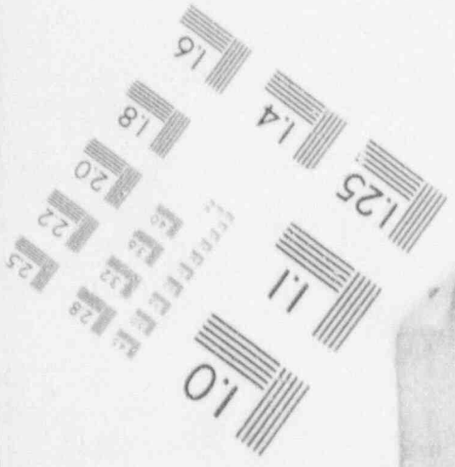
1

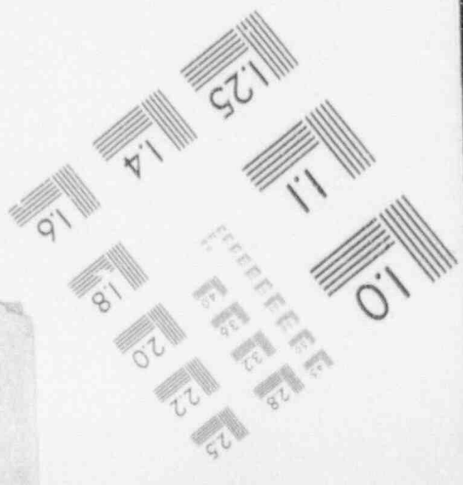
IMAGE EVALUATION TEST TARGET (MT-3)





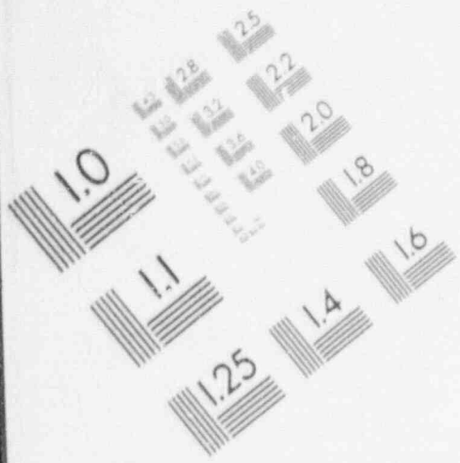


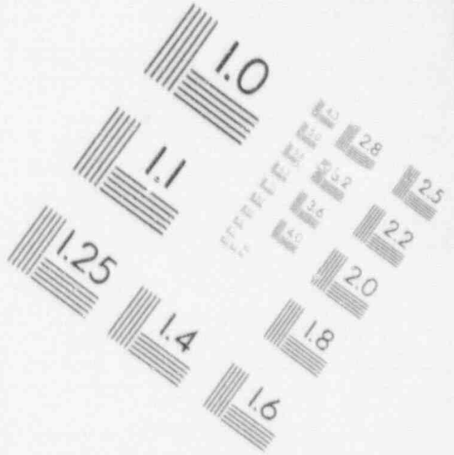


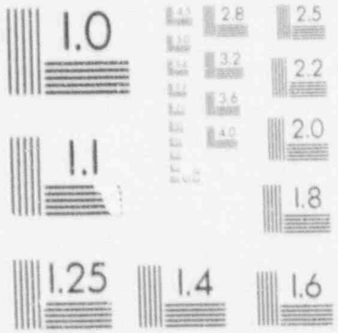


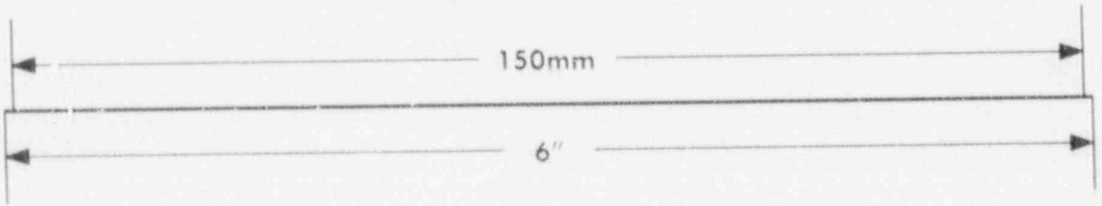
1

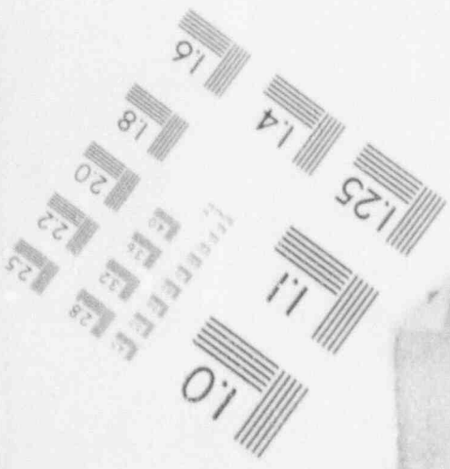
IMAGE EVALUATION TEST TARGET (MT-3)

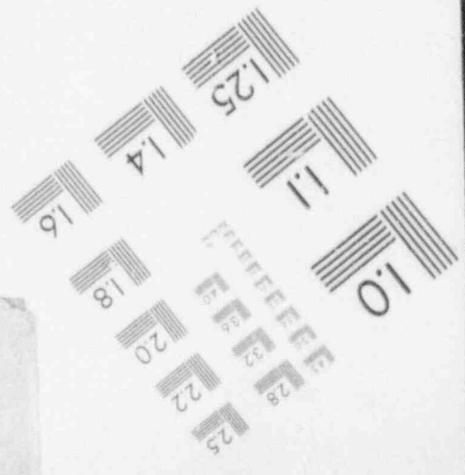


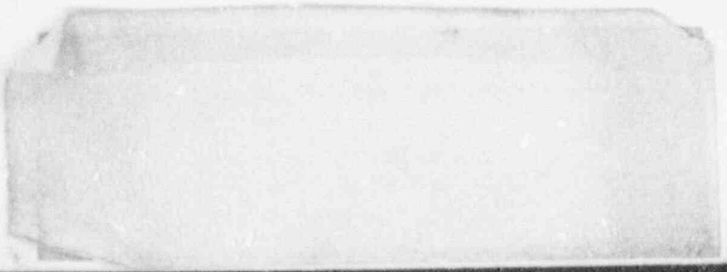






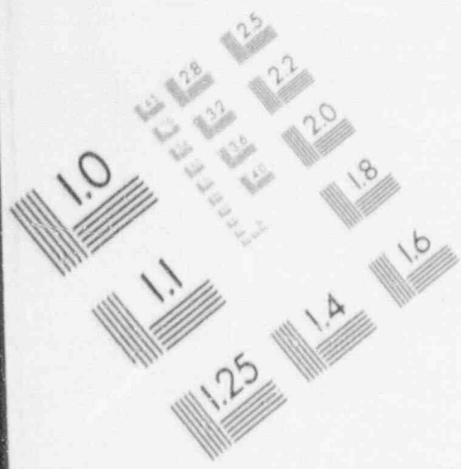


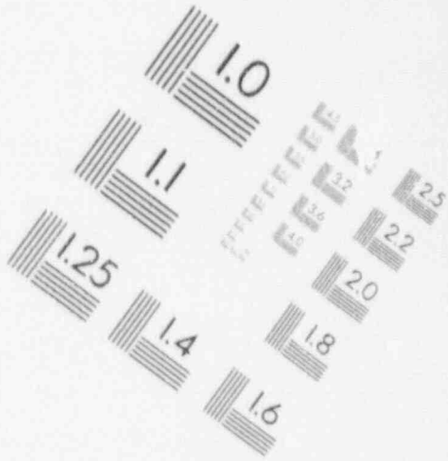


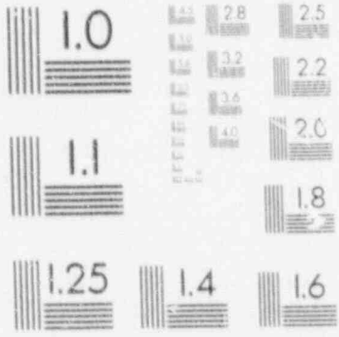


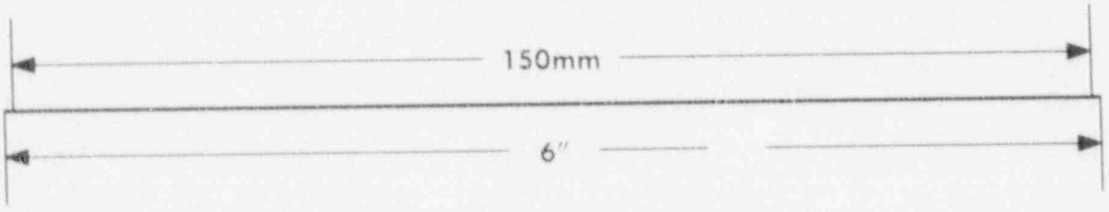
1

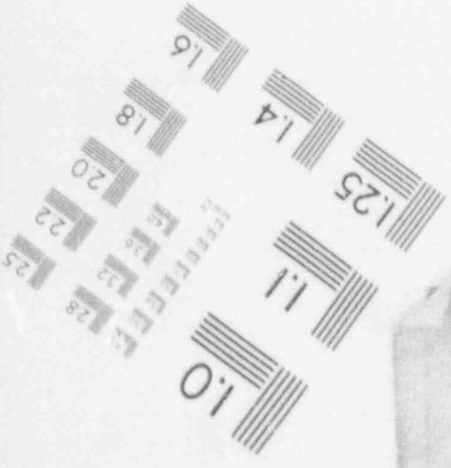
IMAGE EVALUATION TEST TARGET (MT-3)











ter Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
326	408.32	347.01	76.24	325	-2.75	15865.00	18435.00	-52.68	326	-27.06	15958.00	18314.00	-55.61	327	-51.47	16154.00	18396.00	-58.47
329	409.06	350.08	76.67	328	0.29	15921.00	18279.00	-51.13	329	-23.56	15963.00	18325.00	-53.47	330	-47.48	16065.00	18372.00	-55.80
332	409.77	353.15	77.10	331	4.59	16032.00	18349.00	-49.39	332	-20.01	15966.00	18342.00	-51.10	333	-44.67	15972.00	18339.00	-52.80
335	410.47	356.23	77.53	334	9.51	16229.00	18432.00	-48.02	335	-11.63	15971.00	18359.00	-48.50	336	-32.81	15921.00	18291.00	-48.96
338	411.14	359.31	77.96	337	-5.84	16389.00	18478.00	-52.30	338	-24.41	16000.00	18365.00	-52.43	339	-43.39	15941.00	18259.00	-52.55
341	411.78	362.40	78.39	340	1.14	16323.00	18432.00	-57.40	341	-20.56	16028.00	18346.00	-59.20	342	-42.29	15976.00	18265.00	-61.02
344	412.41	365.49	78.82	343	3.53	16154.00	18334.00	-57.44	344	-21.65	16032.00	18301.00	-59.35	345	-46.86	15997.00	18269.00	-61.25
347	413.01	368.59	79.25	346	-1.69	16059.00	18245.00	-57.84	347	-25.61	16035.00	18246.00	-59.47	348	-49.57	16031.00	18248.00	-61.10
350	413.58	371.69	79.68	349	-3.27	16012.00	18167.00	-57.84	350	-26.77	16042.00	18191.00	-59.41	351	-50.34	16077.00	18215.00	-60.98
353	414.14	374.80	80.11	352	-3.74	15983.00	18098.00	-57.96	353	-27.57	16048.00	18140.00	-59.45	354	-51.47	16131.00	18182.00	-60.94
356	414.67	377.91	80.54	355	-5.14	15967.00	18044.00	-57.88	356	-29.33	16051.00	18094.00	-59.46	357	-53.61	16172.00	18147.00	-61.03
359	415.17	381.02	80.97	358	-6.67	15966.00	18007.00	-57.75	359	-30.74	16053.00	18058.00	-59.39	360	-54.87	16191.00	18113.00	-60.84
362	415.66	384.14	81.40	361	-6.82	15970.00	17983.00	-57.28	362	-30.78	16056.00	18031.00	-59.14	363	-54.83	16191.00	18083.00	-60.72
365	416.12	387.26	81.83	364	-6.42	15980.00	17970.00	-57.09	365	-30.17	16058.00	18012.00	-58.76	366	-54.04	16179.00	18058.00	-60.39
368	416.56	390.38	82.26	367	-5.81	15994.00	17963.00	-56.79	368	-29.55	16061.00	17998.00	-58.40	369	-53.39	16158.00	18037.00	-59.99
371	416.97	393.51	82.69	370	-4.87	16013.00	17961.00	-56.75	371	-28.28	16063.00	17989.00	-58.09	372	-51.79	16130.00	18020.00	-59.42
374	417.36	396.64	83.12	373	-6.23	16036.00	17961.00	-57.53	374	-29.48	16068.00	17984.00	-58.64	375	-52.82	16110.00	18008.00	-59.75
377	417.72	399.78	83.55	376	-7.02	16051.00	17959.00	-58.13	377	-30.52	16074.00	17979.00	-59.29	378	-54.12	16102.00	18000.00	-60.26
380	418.07	402.91	83.98	379	-5.93	16062.00	17956.00	-57.97	380	-29.73	16075.00	17974.00	-58.98	381	-53.60	16094.00	17992.00	-59.98
383	418.39	406.05	84.41	382	-4.83	16080.00	17954.00	-57.92	383	-28.17	16077.00	17968.00	-58.68	384	-51.60	16083.00	17983.00	-59.44
386	418.68	409.19	84.84	385	-6.93	16098.00	17952.00	-58.35	386	-30.05	16085.00	17964.00	-58.94	387	-53.29	16084.00	17977.00	-59.53
389	418.95	412.33	85.27	388	-6.31	16095.00	17943.00	-58.74	389	-29.74	16093.00	17958.00	-59.54	390	-53.26	16098.00	17973.00	-60.34
392	419.20	415.48	85.70	391	-5.83	16081.00	17930.00	-58.78	392	-29.60	16094.00	17950.00	-59.59	393	-53.45	16110.00	17969.00	-60.39
395	419.43	418.63	86.13	394	-6.47	16073.00	17920.00	-58.88	395	-30.11	16096.00	17941.00	-59.54	396	-53.84	16119.00	17963.00	-60.21
398	419.63	421.78	86.56	397	-6.68	16069.00	17911.00	-58.89	398	-30.36	16098.00	17934.00	-59.53	399	-54.12	16127.00	17957.00	-60.18
401	419.81	424.93	86.99	400	-6.93	16068.00	17905.00	-59.04	401	-30.63	16099.00	17928.00	-59.55	402	-54.41	16131.00	17951.00	-60.07
404	419.96	428.08	87.42	403	-7.19	16069.00	17900.00	-59.03	404	-30.86	16100.00	17922.00	-59.54	405	-54.61	16132.00	17946.00	-60.04
407	420.09	431.23	87.85	406	-7.09	16072.00	17896.00	-59.07	407	-30.71	16101.00	17918.00	-59.45	408	-54.42	16133.00	17940.00	-59.84
410	420.20	434.38	88.28	409	-7.07	16075.00	17894.00	-59.10	410	-30.71	16102.00	17915.00	-59.43	411	-54.44	16133.00	17936.00	-59.75
413	420.28	437.54	88.71	412	-7.06	16079.00	17892.00	-59.19	413	-30.71	16103.00	17911.00	-59.41	414	-54.45	16132.00	17931.00	-59.64
416	420.34	440.69	89.14	415	-7.05	16083.00	17891.00	-59.23	416	-30.69	16104.00	17908.00	-59.38	417	-54.41	16130.00	17926.00	-59.53
419	420.37	443.85	89.57	418	-6.97	16088.00	17889.00	-59.26	419	-30.59	16105.00	17905.00	-59.31	420	-54.29	16128.00	17921.00	-59.35
422	420.39	447.00	90.00	421	-6.76	16093.00	17887.00	-59.32	422	-30.36	16105.00	17901.00	-59.29	423	-54.04	16126.00	17915.00	-59.25
425	420.37	450.15	90.43	424	-7.00	16098.00	17884.00	-59.46	425	-30.58	16106.00	17896.00	-59.34	426	-54.25	16124.00	17909.00	-59.21
428	420.34	453.31	90.86	427	-7.12	16102.00	17879.00	-59.56	428	-30.73	16106.00	17890.00	-59.44	429	-54.41	16122.00	17902.00	-59.26
431	420.28	456.46	91.29	430	-7.18	16106.00	17872.00	-59.68	431	-30.72	16107.00	17883.00	-59.55	432	-54.36	16119.00	17895.00	-59.31

yster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
434	420.20	459.62	91.72	433	-6.57	16108.00	17864.00	-59.72	434	-30.04	16107.00	17875.00	-59.58	435	-53.58	16115.00	17888.00	-59.41
437	420.09	462.77	92.15	436	-6.32	16108.00	17855.00	-59.90	437	-29.70	16107.00	17868.00	-59.66	438	-53.15	16111.00	17881.00	-59.41
440	419.96	465.92	92.58	439	-5.49	16106.00	17847.00	-59.92	440	-28.74	16107.00	17861.00	-59.64	441	-52.06	16110.00	17875.00	-59.36
443	419.81	469.07	93.01	442	-4.36	16104.00	17840.00	-59.95	443	-27.50	16107.00	17854.00	-59.50	444	-50.72	16114.00	17869.00	-59.05
446	419.63	472.22	93.44	445	-3.72	16108.00	17835.00	-59.76	446	-26.44	16107.00	17848.00	-59.30	447	-49.25	16134.00	17864.00	-58.84
449	419.43	475.37	93.87	448	1.43	16121.00	17833.00	-59.83	449	-21.96	16107.00	17843.00	-59.06	450	-45.44	16185.00	17860.00	-58.28
452	419.20	478.52	94.30	451	-3.37	16147.00	17834.00	-58.13	452	-28.39	16126.00	17843.00	-57.21	453	-53.62	16244.00	17861.00	-56.28
455	418.95	481.67	94.73	454	-2.59	16148.00	17827.00	-56.43	455	-26.23	16144.00	17841.00	-56.40	456	-49.97	16237.00	17863.00	-56.38
458	418.68	484.81	95.16	457	-2.54	16123.00	17813.00	-57.50	458	-25.44	16144.00	17835.00	-57.29	459	-48.44	16193.00	17858.00	-57.07
461	418.39	487.95	95.59	460	-4.22	16114.00	17804.00	-58.69	461	-27.49	16144.00	17828.00	-58.06	462	-50.85	16178.00	17853.00	-57.43
464	418.07	491.09	96.02	463	-5.56	16114.00	17801.00	-59.42	464	-28.87	16143.00	17825.00	-58.69	465	-52.25	16175.00	17848.00	-57.96
467	417.72	494.22	96.45	466	-6.30	16119.00	17803.00	-60.14	467	-29.73	16143.00	17823.00	-59.19	468	-53.24	16174.00	17845.00	-58.23
470	417.36	497.36	96.88	469	-7.08	16123.00	17806.00	-60.47	470	-30.57	16142.00	17824.00	-59.53	471	-54.14	16171.00	17843.00	-58.56
473	416.97	500.49	97.31	472	-6.98	16126.00	17811.00	-60.65	473	-30.51	16141.00	17826.00	-59.66	474	-54.13	16168.00	17843.00	-58.61
476	416.56	503.62	97.74	475	-7.16	16126.00	17815.00	-60.77	476	-30.71	16140.00	17829.00	-59.78	477	-54.34	16164.00	17844.00	-58.71
479	416.12	506.74	98.17	478	-7.06	16126.00	17817.00	-60.91	479	-30.60	16139.00	17831.00	-59.86	480	-54.23	16162.00	17846.00	-58.72
482	415.66	509.86	98.60	481	-7.06	16124.00	17819.00	-60.98	482	-30.60	16138.00	17833.00	-59.91	483	-54.23	16160.00	17848.00	-58.80
485	415.17	512.98	99.03	484	-6.98	16121.00	17819.00	-61.11	485	-30.53	16137.00	17834.00	-59.93	486	-54.16	16159.00	17850.00	-58.75
488	414.67	516.09	99.46	487	-7.10	16117.00	17818.00	-61.23	488	-30.65	16136.00	17834.00	-60.01	489	-54.28	16159.00	17851.00	-58.75
491	414.14	519.20	99.89	490	-7.19	16112.00	17816.00	-61.33	491	-30.73	16135.00	17834.00	-60.06	492	-54.36	16161.00	17853.00	-58.76
494	413.58	522.31	100.32	493	-7.23	16105.00	17813.00	-61.40	494	-30.77	16134.00	17834.00	-60.12	495	-54.41	16165.00	17856.00	-58.80
497	413.01	525.41	100.75	496	-7.23	16097.00	17811.00	-61.51	497	-30.77	16132.00	17835.00	-60.16	498	-54.39	16169.00	17859.00	-58.79
500	412.41	528.51	101.18	499	-7.13	16088.00	17809.00	-61.55	500	-30.66	16131.00	17836.00	-60.19	501	-54.29	16175.00	17863.00	-58.83
503	411.78	531.60	101.61	502	-7.24	16078.00	17808.00	-61.66	503	-30.80	16129.00	17839.00	-60.26	504	-54.45	16181.00	17870.00	-58.85
506	411.14	534.69	102.04	505	-7.15	16066.00	17809.00	-61.70	506	-30.73	16127.00	17844.00	-60.27	507	-54.40	16189.00	17879.00	-58.84
509	410.47	537.77	102.47	508	-6.99	16055.00	17814.00	-61.69	509	-30.62	16126.00	17853.00	-60.23	510	-54.34	16197.00	17892.00	-58.76
512	409.77	540.85	102.90	511	-6.71	16046.00	17823.00	-61.53	512	-30.32	16124.00	17865.00	-60.07	513	-54.02	16202.00	17908.00	-58.59
515	409.06	543.92	103.33	514	-5.74	16041.00	17838.00	-61.38	515	-29.68	16122.00	17882.00	-59.79	516	-53.71	16205.00	17927.00	-58.20
518	408.32	546.99	103.76	517	-4.12	16053.00	17864.00	-60.35	518	-29.71	16122.00	17906.00	-58.66	519	-55.39	16198.00	17948.00	-56.96
521	407.56	550.05	104.19	520	-5.20	16095.00	17907.00	-58.57	521	-30.23	16125.00	17934.00	-56.74	522	-55.38	16162.00	17962.00	-54.88
524	406.77	553.11	104.62	523	-5.06	16161.00	17963.00	-57.67	524	-29.31	16125.00	17964.00	-55.47	525	-53.61	16092.00	17966.00	-53.27
527	405.97	556.16	105.05	526	-4.47	16248.00	18023.00	-57.38	527	-28.92	16122.00	17990.00	-54.56	528	-53.41	16000.00	17958.00	-51.73
530	405.13	559.20	105.48	529	-3.48	16360.00	18081.00	-56.77	530	-28.01	16120.00	18007.00	-53.41	531	-52.55	15887.00	17934.00	-50.06
533	404.28	562.24	105.91	532	-2.77	16501.00	18131.00	-56.39	533	-27.26	16117.00	18007.00	-52.16	534	-51.71	15751.00	17884.00	-47.94
536	403.41	565.27	106.34	535	-1.87	16672.00	18162.00	-55.98	536	-26.08	16114.00	17981.00	-51.07	537	-50.21	15594.00	17801.00	-46.19
539	402.51	568.29	106.77	538	-1.84	16866.00	18161.00	-56.32	539	-25.71	16112.00	17917.00	-50.34	540	-49.46	15420.00	17676.00	-44.40

ster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
542	401.58	571.31	107.20	541	-1.17	17077.00	18112.00	-56.95	542	-24.35	16109.00	17804.00	-50.24	543	-47.36	15241.00	17504.00	-43.[illegible]
545	400.64	574.32	107.63	544	-2.64	17280.00	17995.00	-59.08	545	-24.66	16107.00	17631.00	-51.28	546	-46.47	15073.00	17283.00	-43.51
548	399.67	577.32	108.06	547	-3.45	17441.00	17791.00	-62.05	548	-23.97	16104.00	17392.00	-53.96	549	-44.26	14944.00	17025.00	-45.96
551	398.68	580.32	108.49	550	-7.30	17507.00	17480.00	-66.78	551	-25.96	16103.00	17091.00	-58.77	552	-44.39	14891.00	16734.00	-50.18
554	397.67	583.31	108.92	553	-7.91	17421.00	17066.00	-72.60	554	-23.53	16100.00	16736.00	-65.90	555	-38.87	14968.00	16422.00	-58.79
557	396.64	586.29	109.35	556	-10.41	17101.00	16556.00	-80.93	557	-22.72	16102.00	16329.00	-74.99	558	-34.83	15231.00	16103.00	-69.12
560	395.58	589.26	109.78	559	-9.98	16491.00	15941.00	-90.18	560	-17.09	16100.00	15877.00	-87.03	561	-24.17	15762.00	15815.00	-83.92
563	394.50	592.23	110.21	562	-8.60	15564.00	15208.00	-103.10	563	-15.79	16104.00	15406.00	-102.55	564	-23.21	16682.00	15602.00	-101.93
566	393.40	595.18	110.64	565	-26.37	14262.00	14370.00	-116.04	566	-12.62	16102.00	14960.00	-121.53	567	0.40	18249.00	15548.00	-126.87
569	392.28	598.13	111.07	568	44.04	12475.00	13519.00	-131.93	569	1.39	16109.00	14617.00	-143.48	570	-42.33	20568.00	15719.00	-154.63
572	391.13	601.07	111.50	571	71.70	11372.00	13076.00	-28.25	572	18.98	16351.00	14554.00	-20.74	573	-35.60	22730.00	16063.00	-12.58
575	390.73	602.10	111.65	574	9.99	11547.00	13136.00	72.83	575	-42.29	16622.00	14632.00	73.68	576	-96.09	23112.00	16153.00	75.15
578	390.32	603.12	111.80	577	-8.91	12073.00	13343.00	73.85	578	-18.45	16646.00	14694.00	64.80	579	-29.52	22318.00	16044.00	56.40
581	389.91	604.14	111.95	580	3.40	12579.00	13581.00	58.01	581	-18.36	16637.00	14771.00	56.18	582	-41.42	21633.00	15971.00	54.89
584	389.50	605.16	112.10	583	-2.19	13016.00	13821.00	52.67	584	-20.82	16644.00	14878.00	47.83	585	-40.60	21002.00	15942.00	43.46
587	389.08	606.18	112.25	586	-6.40	13402.00	14069.00	40.35	587	-26.19	16649.00	15009.00	39.85	588	-47.00	20443.00	15950.00	39.79
590	388.67	607.20	112.40	589	6.29	13759.00	14334.00	37.49	590	-13.60	16639.00	15162.00	32.37	591	-34.39	19967.00	16005.00	27.56
593	388.24	608.21	112.55	592	-20.36	14028.00	14580.00	19.53	593	-40.48	16671.00	15335.00	25.27	594	-61.40	19513.00	16069.00	31.46
596	387.82	609.23	112.70	595	12.98	14349.00	14877.00	33.31	596	-7.53	16612.00	15517.00	18.96	597	-28.73	19209.00	16208.00	4.62
599	387.40	610.24	112.85	598	25.94	14466.00	15120.00	-13.33	599	4.63	16724.00	15759.00	13.11	600	-17.31	18791.00	16316.00	40.25
602	386.97	611.26	113.00	601	0.30	15193.00	15546.00	-810.94	602	-417.41	16799.00	15873.00	3.96	603	-598.27	17676.00	16044.00	916.58
605	386.88	611.39	113.02	604	204.49	18297.00	16559.00	-801.95	605	120.80	17663.00	16325.00	-31.90	606	261.33	17230.00	16215.00	827.92
608	386.11	613.20	113.29	607	-42.81	19420.00	17186.00	-37.88	608	-63.61	17746.00	16679.00	-21.71	609	-84.01	16179.00	16199.00	-5.92
611	385.33	615.01	113.56	610	-8.48	19599.00	17576.00	-32.11	611	-25.93	17792.00	17053.00	-30.94	612	-42.95	15960.00	16507.00	-29.83
614	384.54	616.81	113.83	613	4.39	19740.00	17913.00	-50.57	614	-16.10	17762.00	17358.00	-37.97	615	-36.14	15934.00	16818.00	-25.70
617	383.74	618.61	114.09	616	-15.26	19730.00	18162.00	-48.50	617	-35.76	17786.00	17629.00	-43.52	618	-55.81	15936.00	17086.00	-38.70
620	382.93	620.41	114.36	619	0.95	19683.00	18378.00	-57.32	620	-21.15	17771.00	17860.00	-47.20	621	-42.80	16036.00	17352.00	-37.32
623	382.11	622.20	114.63	622	-10.85	19557.00	18529.00	-55.76	623	-33.12	17783.00	18052.00	-49.75	624	-54.94	16151.00	17576.00	-43.67
626	381.29	623.98	114.90	625	-2.23	19413.00	18652.00	-59.12	626	-25.22	17775.00	18211.00	-51.11	627	-47.86	16310.00	17784.00	-43.05
629	380.45	625.77	115.17	628	-7.55	19234.00	18731.00	-57.47	629	-30.74	17780.00	18338.00	-51.61	630	-53.67	16469.00	17956.00	-45.79
632	379.61	627.55	115.44	631	-3.07	19054.00	18786.00	-58.30	632	-26.70	17776.00	18438.00	-51.54	633	-50.19	16641.00	18106.00	-44.88
635	378.76	629.32	115.70	634	-5.69	18868.00	18811.00	-56.35	635	-29.46	17778.00	18513.00	-51.10	636	-53.04	16803.00	18227.00	-45.62
638	377.91	631.09	115.97	637	-3.69	18693.00	18817.00	-56.20	638	-27.66	17775.00	18565.00	-50.38	639	-51.49	16961.00	18326.00	-44.63
641	377.04	632.86	116.24	640	-5.12	18526.00	18805.00	-54.65	641	-29.14	17775.00	18599.00	-49.52	642	-53.07	17103.00	18402.00	-44.42
644	376.16	634.63	116.51	643	-4.34	18378.00	18781.00	-53.76	644	-28.44	17773.00	18617.00	-48.55	645	-52.46	17233.00	18460.00	-43.40
647	375.28	636.39	116.78	646	-5.25	18245.00	18747.00	-52.37	647	-29.32	17772.00	18621.00	-47.57	648	-53.35	17347.00	18499.00	-42.77

ter Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
650	374.39	638.14	117.05	649	-5.08	18130.00	18708.00	-51.32	650	-29.13	17770.00	18614.00	-46.57	651	-53.17	17448.00	18524.00	-41.83
653	373.49	639.89	117.31	652	-5.68	18032.00	18665.00	-50.18	653	-29.68	17770.00	18598.00	-45.66	654	-53.70	17533.00	18535.00	-41.14
656	372.58	641.64	117.58	655	-5.79	17951.00	18620.00	-49.32	656	-29.68	17768.00	18576.00	-44.85	657	-53.61	17605.00	18535.00	-40.37
659	371.67	643.38	117.85	658	-6.10	17885.00	18573.00	-48.51	659	-30.04	17767.00	18549.00	-44.14	660	-54.03	17663.00	18526.00	-39.74
662	370.74	645.12	118.12	661	-6.76	17832.00	18527.00	-47.87	662	-30.08	17766.00	18519.00	-43.55	663	-53.46	17710.00	18511.00	-39.22
665	369.81	646.85	118.39	664	-5.09	17789.00	18482.00	-47.37	665	-30.19	17765.00	18486.00	-43.12	666	-55.34	17747.00	18490.00	-38.86
668	368.87	648.58	118.66	667	3.45	17821.00	18458.00	-7.50	668	-28.83	17766.00	18452.00	-2.85	669	-61.23	17718.00	18447.00	1.89
671	368.80	648.72	118.68	670	8.78	17790.00	18448.00	-54.70	671	-30.19	17768.00	18450.00	-50.08	672	-69.25	17753.00	18453.00	-45.38
674	367.64	650.82	119.00	673	-5.64	17710.00	18380.00	-53.24	674	-30.09	17768.00	18408.00	-48.94	675	-54.62	17831.00	18437.00	-44.62
677	366.48	652.91	119.33	676	-7.53	17717.00	18343.00	-53.49	677	-30.47	17767.00	18368.00	-49.12	678	-53.51	17824.00	18394.00	-44.72
680	365.30	654.99	119.66	679	-7.54	17723.00	18306.00	-53.88	680	-30.72	17766.00	18328.00	-49.53	681	-53.98	17817.00	18352.00	-45.11
683	364.11	657.06	119.98	682	-7.63	17725.00	18267.00	-54.37	683	-30.50	17766.00	18290.00	-50.01	684	-53.46	17812.00	18313.00	-45.62
686	362.91	659.13	120.31	685	-7.04	17718.00	18226.00	-54.86	686	-29.74	17765.00	18252.00	-50.53	687	-52.51	17815.00	18279.00	-46.18
689	361.70	661.19	120.63	688	-6.57	17700.00	18183.00	-55.53	689	-29.07	17765.00	18217.00	-51.16	690	-51.64	17830.00	18250.00	-46.77
692	360.47	663.25	120.96	691	-5.81	17669.00	18138.00	-56.18	692	-28.00	17764.00	18183.00	-51.88	693	-50.30	17862.00	18229.00	-47.55
695	359.24	665.30	121.29	694	-4.78	17623.00	18093.00	-57.05	695	-27.08	17764.00	18154.00	-52.71	696	-49.50	17920.00	18217.00	-48.34
698	357.99	667.34	121.61	697	-5.30	17561.00	18048.00	-57.77	698	-26.23	17763.00	18129.00	-53.66	699	-47.32	18021.00	18217.00	-49.51
701	356.73	669.37	121.94	700	1.68	17480.00	18007.00	-58.81	701	-23.27	17763.00	18113.00	-54.72	702	-48.39	18178.00	18233.00	-50.57
704	355.46	671.40	122.26	703	0.29	17452.00	17992.00	-50.47	704	-29.34	17779.00	18111.00	-46.47	705	-59.21	18285.00	18248.00	-42.37
707	354.17	673.42	122.59	706	-1.13	17515.00	18018.00	-42.44	707	-26.30	17796.00	18121.00	-38.99	708	-51.63	18203.00	18239.00	-35.44
710	352.88	675.43	122.92	709	-4.44	17604.00	18065.00	-45.03	710	-25.56	17796.00	18140.00	-41.06	711	-46.81	18038.00	18221.00	-37.03
713	351.57	677.43	123.24	712	-4.32	17681.00	18117.00	-47.50	713	-26.81	17796.00	18165.00	-42.91	714	-49.40	17924.00	18216.00	-38.28
716	350.26	679.43	123.57	715	-5.43	17746.00	18171.00	-49.46	716	-27.78	17796.00	18197.00	-44.50	717	-50.21	17847.00	18223.00	-39.53
719	348.93	681.42	123.89	718	-5.72	17802.00	18227.00	-51.18	719	-28.38	17795.00	18232.00	-45.82	720	-51.09	17791.00	18237.00	-40.45
722	347.59	683.40	124.22	721	-6.30	17849.00	18282.00	-52.47	722	-29.11	17795.00	18268.00	-46.86	723	-51.96	17749.00	18256.00	-41.26
725	346.24	685.37	124.55	724	-6.47	17888.00	18332.00	-53.50	725	-29.45	17794.00	18302.00	-47.63	726	-52.47	17715.00	18276.00	-41.78
728	344.88	687.34	124.87	727	-6.44	17920.00	18375.00	-54.09	728	-29.62	17793.00	18333.00	-48.05	729	-52.82	17688.00	18295.00	-42.03
731	343.50	689.30	125.20	730	-6.30	17947.00	18411.00	-54.55	731	-29.50	17792.00	18359.00	-48.29	732	-52.73	17667.00	18311.00	-42.04
734	342.12	691.25	125.52	733	-6.44	17971.00	18438.00	-54.93	734	-29.71	17791.00	18378.00	-48.51	735	-53.01	17649.00	18322.00	-42.11
737	340.72	693.19	125.85	736	-6.46	17993.00	18455.00	-55.17	737	-29.77	17790.00	18388.00	-48.66	738	-53.10	17632.00	18325.00	-42.12
740	339.32	695.13	126.18	739	-6.61	18013.00	18461.00	-55.39	740	-29.92	17789.00	18388.00	-48.78	741	-53.24	17615.00	18321.00	-42.12
743	337.90	697.05	126.50	742	-6.70	18032.00	18456.00	-55.55	743	-29.97	17788.00	18379.00	-48.95	744	-53.27	17599.00	18308.00	-42.19
746	336.47	698.97	126.83	745	-6.95	18046.00	18437.00	-55.86	746	-30.13	17788.00	18359.00	-49.21	747	-53.34	17585.00	18287.00	-42.39
749	335.03	700.88	127.15	748	-6.90	18055.00	18405.00	-56.30	749	-29.98	17786.00	18328.00	-49.50	750	-53.08	17575.00	18257.00	-42.63
752	333.58	702.79	127.48	751	-7.06	18056.00	18360.00	-56.87	752	-29.96	17786.00	18287.00	-50.12	753	-52.87	17573.00	18222.00	-43.16
755	332.12	704.68	127.81	754	-6.88	18041.00	18300.00	-57.51	755	-29.51	17785.00	18238.00	-50.92	756	-52.12	17583.00	18182.00	-44.25

er Creek Dr; ell with Sand - Load Combination V (Accident condition including thermal)

de	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
758	330.65	706.57	128.13	757	-6.46	18005.00	18227.00	-58.33	758	-28.75	17785.00	18182.00	-51.79	759	-51.05	17607.00	18141.00	-45.23
761	329.17	708.44	128.46	760	-5.50	17944.00	18145.00	-59.17	761	-27.40	17784.00	18122.00	-52.80	762	-49.32	17650.00	18100.00	-46.43
764	327.67	710.31	128.78	763	-4.64	17855.00	18056.00	-60.35	764	-26.16	17785.00	18059.00	-54.05	765	-47.72	17721.00	18062.00	-47.73
767	326.17	712.17	129.11	766	-3.33	17740.00	17961.00	-61.56	767	-24.18	17785.00	17996.00	-55.59	768	-45.12	17838.00	18032.00	-49.61
770	324.66	714.02	129.44	769	-1.26	17597.00	17862.00	-63.24	770	-22.36	17786.00	17937.00	-57.44	771	-43.59	18030.00	18014.00	-51.58
773	323.13	715.87	129.76	772	-2.63	17423.00	17758.00	-64.76	773	-20.60	17786.00	17883.00	-59.58	774	-38.79	18336.00	18017.00	-54.31
776	321.60	717.70	130.09	775	11.92	17207.00	17657.00	-66.78	776	-15.22	17788.00	17843.00	-61.94	777	-42.62	18765.00	18046.00	-56.98
779	320.05	719.53	130.41	778	9.37	17108.00	17610.00	-47.42	779	-28.53	17818.00	17829.00	-43.19	780	-66.96	19044.00	18068.00	-38.71
782	318.50	721.34	130.74	781	6.68	17229.00	17648.00	-29.69	782	-20.84	17848.00	17839.00	-26.54	783	-48.64	18858.00	18045.00	-23.11
785	316.93	723.15	131.07	784	-1.95	17419.00	17730.00	-35.54	785	-20.08	17851.00	17865.00	-31.29	786	-38.43	18467.00	18006.00	-26.87
788	315.35	724.95	131.39	787	-1.45	17577.00	17818.00	-41.12	788	-22.69	17852.00	17904.00	-35.66	789	-44.07	18189.00	17993.00	-30.11
791	313.77	726.74	131.72	790	-4.07	17706.00	17905.00	-45.73	791	-24.95	17854.00	17954.00	-39.55	792	-45.92	18011.00	18004.00	-33.33
794	312.17	728.52	132.04	793	-4.88	17811.00	17992.00	-49.75	794	-26.40	17855.00	18011.00	-42.89	795	-47.98	17905.00	18032.00	-36.02
797	310.56	730.29	132.37	796	-6.46	17887.00	18077.00	-52.94	797	-28.31	17856.00	18073.00	-45.63	798	-50.19	17840.00	18072.00	-38.34
800	308.94	732.06	132.70	799	-6.98	17937.00	18159.00	-55.37	800	-29.24	17857.00	18138.00	-47.80	801	-51.52	17803.00	18122.00	-40.26
803	307.32	733.81	133.02	802	-7.51	17960.00	18236.00	-56.93	803	-30.18	17857.00	18205.00	-49.16	804	-52.88	17786.00	18178.00	-41.41
806	305.68	735.55	133.35	805	-7.08	17965.00	18306.00	-57.81	806	-29.97	17857.00	18270.00	-50.12	807	-52.91	17786.00	18240.00	-42.30
809	304.03	737.29	133.68	808	-7.48	17955.00	18369.00	-58.43	809	-30.62	17857.00	18334.00	-50.69	810	-53.81	17795.00	18304.00	-42.78
812	302.38	739.01	134.00	811	-6.29	17940.00	18428.00	-58.31	812	-29.67	17856.00	18395.00	-50.75	813	-53.10	17806.00	18368.00	-43.14
815	300.71	740.73	134.33	814	-6.76	17923.00	18480.00	-58.40	815	-30.31	17856.00	18453.00	-50.52	816	-53.92	17814.00	18429.00	-42.59
818	299.03	742.44	134.65	817	-5.23	17914.00	18532.00	-57.64	818	-29.04	17854.00	18508.00	-50.03	819	-52.90	17817.00	18487.00	-42.40
821	297.35	744.13	134.98	820	-6.58	17914.00	18582.00	-57.54	821	-30.53	17854.00	18560.00	-49.31	822	-54.53	17805.00	18538.00	-41.05
824	295.65	745.82	135.31	823	-4.23	17934.00	18635.00	-56.10	824	-28.44	17850.00	18608.00	-48.34	825	-52.70	17781.00	18584.00	-40.57
827	293.95	747.50	135.63	826	-7.16	17970.00	18688.00	-56.18	827	-31.43	17851.00	18653.00	-47.25	828	-55.73	17733.00	18617.00	-38.34
830	292.23	749.16	135.96	829	-3.25	18036.00	18748.00	-53.87	830	-27.81	17846.00	18693.00	-45.86	831	-52.39	17667.00	18641.00	-37.83
833	290.51	750.82	136.28	832	-8.09	18123.00	18803.00	-54.42	833	-32.82	17848.00	18725.00	-44.29	834	-57.52	17565.00	18644.00	-34.24
836	288.77	752.47	136.61	835	-1.68	18251.00	18864.00	-50.96	836	-25.95	17840.00	18747.00	-42.58	837	-50.16	17444.00	18634.00	-34.19
839	287.03	754.11	136.94	838	-7.39	18397.00	18912.00	-52.84	839	-34.25	17846.00	18754.00	-40.79	840	-60.9	17274.00	18590.00	-28.93
842	285.28	755.74	137.26	841	-7.34	18596.00	18956.00	-47.71	842	-24.17	17832.00	18740.00	-39.03	843	-40.9	17094.00	18531.00	-30.42
845	283.52	757.36	137.59	844	-0.48	18708.00	18949.00	-81.24	845	-31.48	17831.00	18698.00	-71.09	846	-62.23	16977.00	18454.00	-61.12
848	280.57	760.02	138.13	847	16.39	18935.00	18881.00	-81.43	848	-17.97	17831.00	18565.00	-68.21	849	-52.08	16741.00	18253.00	-55.19
851	277.60	762.66	138.67	850	-6.98	19360.00	18745.00	-86.76	851	-24.99	17840.00	18315.00	-68.33	852	-42.71	16299.00	17878.00	-50.23
854	274.61	765.27	139.21	853	6.96	19744.00	18444.00	-88.12	854	-11.02	17833.00	17907.00	-71.48	855	-28.64	15941.00	17375.00	-55.13
857	271.59	767.85	139.75	856	-14.38	19915.00	17864.00	-101.41	857	-22.67	17854.00	17298.00	-79.69	858	-30.60	15761.00	16724.00	-58.42
860	268.55	770.40	140.29	859	-6.57	19739.00	16958.00	-109.32	860	-8.26	17855.00	16466.00	-94.53	861	-9.78	16000.00	15983.00	-79.77
863	265.48	772.92	140.84	862	-42.82	18905.00	15627.00	-135.14	863	-27.38	17899.00	15424.00	-118.49	864	-12.00	16851.00	15208.00	-102.09

ster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
866	262.39	775.41	141.38	865	-39.78	17182.00	13907.00	-151.45	866	-23.49	17915.00	14242.00	-152.61	867	-7.69	18702.00	14594.00	-153.58
869	259.28	777.88	141.92	868	-89.32	14136.00	11822.00	-189.60	869	-19.47	17991.00	13111.00	-197.39	870	48.86	21822.00	14394.00	-203.47
872	256.14	780.31	142.46	871	-59.39	9841.90	9771.50	-191.38	872	-183.88	18042.00	12261.00	-237.51	873	-310.20	26350.00	14788.00	-273.22
875	252.98	782.72	143.00	874	359.66	8646.30	9655.60	1175.20	875	-20.29	16858.00	11969.00	270.17	876	-50.30	25357.00	14476.00	-1430.10
878	251.48	783.85	143.26	877	225.95	2898.70	8425.00	1409.10	878	-200.40	7556.30	9513.80	632.56	879	438.69	10574.00	10425.00	-2412.90
881	249.98	784.97	143.51	880	-184.71	2283.60	8684.90	485.32	881	-392.16	5487.20	9259.80	126.02	882	-204.11	6180.90	9207.70	-895.56
884	247.27	786.96	143.97	883	21.52	3105.60	9792.60	-17.15	884	-8.95	4967.90	9997.50	-24.53	885	-40.18	6637.10	10145.00	-30.53
887	244.55	788.92	144.43	886	30.81	3247.70	10702.00	-8.20	887	-18.01	4826.40	10785.00	19.20	888	-67.11	6543.90	10915.00	46.59
890	241.81	790.87	144.89	889	5.48	3614.60	11732.00	52.79	890	-41.75	4798.30	11668.00	69.81	891	-88.85	5949.90	11599.00	86.64
893	239.05	792.79	145.34	892	32.06	4450.30	12961.00	96.80	893	-21.87	4697.00	12595.00	128.60	894	-74.69	4980.20	12240.00	158.78
896	236.28	794.69	145.80	895	5.86	5727.10	14323.00	157.32	896	-47.02	4608.80	13544.00	194.91	897	-97.58	3490.30	12759.00	229.08
899	233.49	796.57	146.26	898	102.24	7558.90	15874.00	219.02	899	28.19	4483.00	14516.00	269.93	900	-41.50	1482.10	13163.00	314.61
902	230.69	798.42	146.72	901	-136.91	9878.00	17405.00	420.21	902	-139.40	4287.50	15366.00	328.94	903	-140.95	-1033.70	13360.00	234.55
905	225.89	801.86	147.52	904	-214.17	11908.00	19387.00	587.05	905	-223.19	3928.50	16778.00	296.49	906	-219.58	-3513.90	14257.00	11.99
908	221.39	805.68	148.32	907	-251.20	12418.00	20539.00	428.59	908	-238.45	3650.60	17877.00	116.30	909	-211.81	-4487.00	15318.00	-184.40
911	217.22	809.87	149.09	910	-180.64	11063.00	20616.00	269.32	911	-220.06	3399.60	18425.00	5.98	912	-248.64	-3712.70	16323.00	-245.15
914	213.41	814.38	149.85	913	-105.83	8720.50	19815.00	134.18	914	-165.00	3173.30	18359.00	-43.98	915	-217.29	-1980.00	16968.00	-212.84
917	209.99	819.19	150.57	916	-27.46	6122.80	18429.00	37.76	917	-102.48	2975.10	17739.00	-47.91	918	-175.21	44.25	17087.00	-127.98
920	206.97	824.26	151.25	919	35.63	3787.40	16753.00	-17.37	920	-44.27	2806.30	16715.00	-22.39	921	-125.72	1893.60	16691.00	-25.18
923	204.38	829.57	151.89	922	78.73	2007.50	15048.00	-37.43	923	0.69	2666.30	15475.00	16.62	924	-81.50	3301.40	15899.00	71.10
926	202.23	835.08	152.47	925	100.52	874.28	13506.00	-31.93	926	29.20	2554.60	14199.00	56.55	927	-48.59	4166.50	14877.00	144.63
929	200.55	840.74	153.01	928	109.44	326.50	12235.00	-12.75	929	44.54	2468.70	13026.00	89.23	930	-24.84	4524.50	13796.00	189.36
932	199.34	846.52	153.48	931	97.88	206.64	11261.00	9.47	932	42.47	2408.20	12035.00	108.95	933	-19.58	4516.90	12788.00	206.26
935	198.61	852.38	153.90	934	95.67	327.36	10565.00	26.16	935	49.48	2368.10	11268.00	114.53	936	-1.40	4328.60	11953.00	200.38
938	198.37	858.28	154.25	937	118.14	599.85	10131.00	85.12	938	30.81	2448.20	10749.00	127.64	939	-65.25	3769.00	11211.00	222.06
941	198.31	858.78	154.28	940	-131.08	401.29	9968.40	-180.29	941	-239.20	2666.40	10705.00	-128.00	942	-178.28	3312.90	11013.00	466.24
944	198.32	860.78	154.39	943	28.51	183.35	9848.50	-493.24	944	-155.40	3578.30	10868.00	-462.45	945	163.96	6106.60	11784.00	1303.10
947	198.32	862.78	154.50	946	220.69	1562.10	10307.00	-516.18	947	194.85	8649.10	12449.00	-133.32	948	320.81	16285.00	14805.00	810.63
950	198.32	863.78	154.55	949	75.21	792.31	10148.00	228.61	950	-81.55	9500.80	12738.00	254.04	951	-242.59	18472.00	15412.00	270.80
953	198.32	864.78	154.61	952	-61.85	2854.80	10971.00	234.62	953	-35.80	9603.00	13028.00	221.32	954	-13.13	16191.00	15041.00	207.96
956	198.32	865.78	154.66	955	15.69	4821.40	11921.00	182.46	956	-10.25	9535.90	13354.00	190.25	957	-38.60	14345.00	14818.00	198.07
959	198.32	866.78	154.71	958	-25.09	6408.10	12790.00	164.48	959	-39.32	9568.00	13761.00	161.14	960	-55.18	12681.00	14721.00	157.78
962	198.32	867.78	154.76	961	-4.87	7804.50	13664.00	130.72	962	-22.79	9546.80	14211.00	133.03	963	-41.65	11316.00	14767.00	135.34
965	198.32	868.83	154.82	964	-13.61	8957.70	14506.00	109.17	965	-33.35	9553.50	14710.00	108.61	966	-53.46	10138.00	14910.00	108.03
968	198.32	869.88	154.87	967	-9.02	9913.30	15302.00	85.02	968	-29.07	9546.50	15218.00	85.80	969	-49.02	9185.60	15135.00	86.60
971	198.32	870.93	154.93	970	-10.26	10656.00	16026.00	65.71	971	-32.17	9546.40	15719.00	65.88	972	-53.64	8433.50	15411.00	66.04

yster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
974	198.32	871.98	154.98	973	-7.65	11221.00	16681.00	48.18	974	-30.91	9542.90	16203.00	48.71	975	-53.49	7866.30	15726.00	49.25
977	198.32	873.03	155.04	976	-7.22	11628.00	17261.00	33.75	977	-31.73	9541.50	16661.00	34.11	978	-55.36	7453.30	16060.00	34.48
980	198.32	874.08	155.09	979	-5.24	11905.00	17769.00	21.49	980	-31.34	9539.00	17085.00	21.87	981	-56.42	7174.00	16401.00	22.24
983	198.32	875.13	155.15	982	-4.79	12070.00	18205.00	11.36	983	-30.67	9537.40	17472.00	11.77	984	-55.48	7004.60	16737.00	12.19
986	198.32	876.18	155.20	985	1.13	12144.00	18576.00	2.77	986	-30.71	9538.50	17819.00	3.44	987	-61.37	6934.20	17061.00	4.10
989	198.32	877.23	155.25	988	-16.74	12135.00	18874.00	-3.53	989	-31.28	9539.20	18125.00	-3.47	990	-44.73	6946.00	17377.00	-3.42
992	198.32	878.28	155.31	991	7.13	11876.00	19069.00	-38.22	992	-33.24	9537.00	18391.00	-38.18	993	-72.63	7198.60	17712.00	-38.14
995	198.32	880.55	155.42	994	-2.16	11472.00	19395.00	-15.72	995	-33.72	9532.30	18840.00	-15.75	996	-64.47	7591.30	18285.00	-15.77
998	198.32	882.81	155.53	997	-3.37	11114.00	19590.00	-18.12	998	-32.94	9528.80	19144.00	-18.08	999	-61.88	7942.90	18697.00	-18.03
1001	198.32	885.08	155.64	1000	0.07	10736.00	19664.00	-17.65	1001	-32.59	9525.60	19330.00	-17.56	1002	-64.80	8314.50	18996.00	-17.47
1004	198.32	887.34	155.75	1003	1.23	10384.00	19657.00	-15.56	1004	-31.94	9522.20	19427.00	-15.40	1005	-64.83	8660.00	19198.00	-15.24
1007	198.32	889.61	155.86	1006	2.08	10084.00	19601.00	-12.67	1007	-31.48	9518.80	19461.00	-12.49	1008	-64.91	8953.40	19321.00	-12.31
1010	198.32	891.88	155.97	1009	2.38	9845.50	19522.00	-9.65	1010	-31.06	9515.30	19453.00	-9.44	1011	-64.48	9185.10	19384.00	-9.23
1013	198.32	894.14	156.08	1012	2.31	9667.80	19437.00	-6.83	1013	-30.81	9511.70	19421.00	-6.62	1014	-64.00	9355.50	19405.00	-6.42
1016	198.32	896.41	156.19	1015	2.07	9544.40	19358.00	-4.46	1016	-30.63	9508.00	19378.00	-4.25	1017	-63.45	9471.70	19398.00	-4.03
1019	198.32	898.67	156.29	1018	1.70	9465.30	19289.00	-2.59	1019	-30.56	9504.20	19332.00	-2.38	1020	-62.98	9543.10	19375.00	-2.17
1022	198.32	900.94	156.40	1021	1.33	9420.30	19234.00	-1.23	1022	-30.52	9500.40	19289.00	-1.02	1023	-62.55	9580.60	19345.00	-0.82
1025	198.32	903.20	156.50	1024	0.97	9399.10	19192.00	-0.32	1025	-30.53	9496.60	19253.00	-0.12	1026	-62.22	9594.10	19313.00	0.08
1028	198.32	905.47	156.61	1027	0.67	9393.10	19162.00	0.22	1028	-30.55	9492.70	19223.00	0.41	1029	-61.97	9592.40	19285.00	0.60
1031	198.32	907.73	156.71	1030	0.43	9395.40	19142.00	0.46	1031	-30.58	9488.90	19202.00	0.64	1032	-61.79	9582.50	19261.00	0.83
1034	198.32	910.00	156.81	1033	0.26	9402.50	19130.00	0.49	1034	-30.61	9485.10	19187.00	0.67	1035	-61.67	9569.70	19244.00	0.85
1037	198.32	912.27	156.91	1036	0.16	9405.10	19124.00	0.39	1037	-30.63	9481.30	19178.00	0.56	1038	-61.61	9557.50	19233.00	0.74
1040	198.32	914.53	157.01	1039	0.13	9406.90	19123.00	0.22	1040	-30.64	9477.50	19176.00	0.39	1041	-61.59	9548.20	19228.00	0.57
1043	198.32	916.80	157.11	1042	0.14	9405.30	19126.00	0.05	1043	-30.64	9473.80	19178.00	0.22	1044	-61.62	9542.40	19230.00	0.39
1046	198.32	919.06	157.21	1045	0.21	9400.80	19134.00	-0.07	1046	-30.64	9470.10	19186.00	0.10	1047	-61.68	9539.50	19238.00	0.27
1049	198.32	921.33	157.31	1048	0.34	9395.30	19146.00	-0.08	1049	-30.64	9466.50	19198.00	0.09	1050	-61.80	9537.70	19251.00	0.27
1052	198.32	923.59	157.41	1051	0.51	9391.70	19164.00	0.09	1052	-30.64	9462.80	19216.00	0.26	1053	-61.97	9534.00	19269.00	0.44
1055	198.32	925.86	157.50	1054	0.72	9394.50	19189.00	0.49	1055	-30.65	9459.20	19239.00	0.67	1056	-62.19	9523.90	19290.00	0.85
1058	198.32	928.13	157.60	1057	0.96	9409.30	19222.00	1.18	1058	-30.68	9455.60	19267.00	1.36	1059	-62.48	9502.00	19312.00	1.55
1061	198.32	930.39	157.69	1060	1.20	9442.50	19265.00	2.22	1061	-30.74	9452.00	19299.00	2.41	1062	-62.83	9461.50	19333.00	2.60
1064	198.32	932.66	157.79	1063	1.41	9501.80	19316.00	3.62	1064	-30.84	9448.40	19331.00	3.82	1065	-63.21	9395.00	19346.00	4.02
1067	198.32	934.92	157.88	1066	1.55	9594.60	19374.00	5.37	1067	-31.00	9444.80	19360.00	5.58	1068	-63.63	9294.90	19346.00	5.80
1070	198.32	937.19	157.97	1069	1.47	9727.30	19432.00	7.40	1070	-31.22	9441.20	19377.00	7.63	1071	-63.92	9154.90	19322.00	7.85
1073	198.32	939.45	158.06	1072	1.34	9903.40	19483.00	9.53	1073	-31.53	9437.50	19374.00	9.77	1074	-64.33	8971.30	19265.00	10.01
1076	198.32	941.72	158.16	1075	0.03	10121.00	19512.00	11.45	1076	-31.88	9433.80	19337.00	11.70	1077	-63.60	8746.10	19161.00	11.95
1079	198.32	943.98	158.25	1078	1.03	10371.00	19501.00	12.69	1079	-32.40	9430.00	19249.00	12.94	1080	-65.51	8489.00	18996.00	13.20

ster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Node	Outside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Middle Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Inside Nodes Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1082	198.32	946.25	158.34	1081	-1.37	10664.00	19432.00	18.96	1082	-32.66	9426.50	19091.00	19.21	1083	-63.51	8187.90	18749.00	19.47
1085	198.32	948.25	158.41	1084	-7.37	10921.00	19294.00	10.56	1085	-32.81	9423.40	18876.00	10.78	1086	-57.69	7925.00	18458.00	11.00
1088	198.32	950.25	158.49	1087	-4.88	11064.00	19039.00	6.01	1088	-33.11	9420.50	18576.00	6.21	1089	-60.68	7776.40	18112.00	6.40
1091	198.32	952.25	158.57	1090	-12.45	11084.00	18649.00	-2.02	1091	-33.12	9417.80	18180.00	-1.87	1092	-53.15	7750.60	17711.00	-1.72
1094	198.32	954.25	158.65	1093	-3.40	10910.00	18109.00	-14.48	1094	-32.96	9415.40	17689.00	-14.42	1095	-61.93	7919.60	17268.00	-14.35
1097	198.32	956.25	158.72	1096	-4.25	10673.00	17461.00	-7.39	1097	-32.46	9413.70	17110.00	-7.26	1098	-60.20	8152.50	16759.00	-7.13
1100	198.32	957.20	158.76	1099	-8.87	10388.00	17071.00	-43.44	1100	-30.51	9412.50	16808.00	-43.49	1101	-51.82	8439.40	16544.00	-43.53
1103	198.32	958.16	158.79	1102	-6.61	9939.10	16624.00	-56.04	1103	-32.46	9413.30	16493.00	-55.68	1104	-58.19	8883.00	16361.00	-55.32
1106	198.32	959.11	158.83	1105	-4.65	9379.30	16136.00	-68.76	1106	-28.20	9409.30	16172.00	-69.40	1107	-51.90	9448.00	16211.00	-70.04
1109	198.32	960.06	158.87	1108	-12.59	8680.60	15604.00	-86.07	1109	-35.64	9415.20	15851.00	-84.67	1110	-59.17	10132.00	16093.00	-83.25
1112	198.32	961.01	158.90	1111	2.35	7859.60	15051.00	-98.47	1112	-19.63	9400.80	15540.00	-101.44	1113	-42.49	10980.00	16041.00	-104.45
1115	198.32	961.97	158.94	1114	-27.39	6840.40	14445.00	-125.72	1115	-48.52	9428.70	15248.00	-119.70	1116	-71.02	11942.00	16029.00	-113.63
1118	198.32	962.92	158.97	1117	22.86	5738.20	13872.00	-126.66	1118	2.61	9371.30	14987.00	-139.22	1119	-19.57	13158.00	16151.00	-151.87
1121	198.32	963.87	159.01	1120	-42.40	4290.10	13207.00	-184.35	1121	-61.45	9481.10	14790.00	-159.85	1122	-83.08	14387.00	16290.00	-135.21
1124	198.32	964.82	159.04	1123	-51.32	2959.10	12661.00	-134.58	1124	-71.66	9285.60	14583.00	-181.26	1125	-95.32	16109.00	16658.00	-228.11
1127	198.32	965.78	159.08	1126	568.29	3688.30	13009.00	587.49	1127	478.42	7381.00	14121.00	-180.13	1128	385.48	19185.00	17666.00	-950.42
1130	198.32	965.88	159.08	1129	-381.06	4995.00	13116.00	905.63	1130	278.41	7049.20	13963.00	-113.41	1131	728.11	9786.30	14966.00	-784.95
1133	198.32	966.25	159.10	1132	-835.44	5167.10	13029.00	-3.36	1133	-696.89	8204.40	14017.00	-3.52	1134	-139.71	4165.20	13026.00	-0.84
1136	198.32	966.63	159.11	1135	-382.50	4962.50	13105.00	-911.94	1136	293.44	7045.80	13965.00	114.58	1137	770.44	9808.90	14981.00	792.16
1139	198.32	966.73	159.11	1138	554.95	3646.30	12991.00	-586.63	1139	468.68	7388.10	14118.00	184.68	1140	379.47	19217.00	17671.00	958.83
1142	198.32	967.73	159.15	1141	-52.99	2962.90	12664.00	138.07	1142	-74.92	9293.20	14587.00	181.64	1143	-100.16	16085.00	16651.00	225.39
1145	198.32	968.73	159.19	1144	-40.84	4363.90	13246.00	181.66	1145	-58.64	9474.30	14805.00	158.73	1146	-78.98	14312.00	16284.00	135.65
1148	198.32	969.73	159.22	1147	22.04	5848.00	13940.00	124.20	1148	2.16	9366.00	15020.00	136.97	1149	-19.58	13036.00	16148.00	149.81
1151	198.32	970.73	159.26	1150	-28.07	6973.10	14544.00	122.41	1151	-48.71	9421.10	15303.00	116.59	1152	-70.65	11792.00	16040.00	110.74
1154	198.32	971.73	159.30	1153	2.66	8001.50	15176.00	94.13	1154	-18.96	9389.90	15617.00	97.69	1155	-41.39	10819.00	16071.00	101.28
1157	198.32	972.73	159.33	1156	-13.16	8817.20	15751.00	81.68	1157	-36.02	9403.20	15951.00	80.47	1158	-59.28	9969.70	16146.00	79.25
1160	198.32	973.73	159.37	1159	-4.60	9502.30	16302.00	63.79	1160	-27.80	9394.20	16294.00	64.95	1161	-51.08	9296.20	16289.00	66.11
1163	198.32	974.73	159.40	1162	-5.99	10040.00	16804.00	51.26	1163	-32.50	9396.50	16634.00	51.16	1164	-58.82	8748.50	16463.00	51.07
1166	198.32	975.73	159.44	1165	-11.21	10461.00	17260.00	38.52	1166	-30.32	9393.50	16965.00	39.08	1167	-49.06	8328.50	16671.00	39.64
1169	198.32	976.73	159.47	1168	-1.53	10683.00	17647.00	-0.94	1169	-32.23	9392.80	17281.00	-0.67	1170	-62.44	8101.20	16915.00	-0.40
1172	198.32	978.93	159.55	1171	-2.52	10839.00	18322.00	10.16	1172	-32.48	9389.40	17908.00	10.52	1173	-61.87	7941.90	17496.00	10.89
1175	198.32	981.13	159.63	1174	-11.23	10951.00	18877.00	-0.84	1175	-32.60	9386.90	18432.00	-0.67	1176	-53.36	7829.20	17989.00	-0.49
1178	198.32	983.33	159.71	1177	-1.61	10886.00	19273.00	-6.87	1178	-30.36	9385.40	18847.00	-6.63	1179	-58.52	7897.00	18423.00	-6.38
1181	198.32	985.53	159.78	1180	0.76	10746.00	19537.00	-7.97	1181	-29.38	9394.70	19159.00	-7.36	1182	-59.03	8054.30	18783.00	-6.76
1184	198.32	987.73	159.86	1183	6.17	10606.00	19708.00	-5.32	1184	-26.67	9404.10	19378.00	-5.21	1185	-59.08	8222.10	19057.00	-5.10
1187	198.32	989.94	159.93	1186	5.33	10492.00	19810.00	-2.77	1187	-28.93	9403.10	19515.00	-2.84	1188	-62.87	8358.00	19231.00	-2.91

ter Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

				Outside Nodes				Middle Nodes				Inside Nodes			
ode	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	adial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1190	198.32	992.14	160.01	1189	5.53	10416.00	19848.00	0.16	1190	-28.93	9403.10	19573.00	0.12	1191	-63.07	8432.50	19307.00	0.08
1193	198.32	994.34	160.08	1192	4.46	10403.00	19834.00	3.92	1193	-29.83	9403.50	19562.00	3.88	1194	-63.81	8420.60	19294.00	3.85
1196	198.32	996.54	160.16	1195	3.08	10475.00	19775.00	7.18	1196	-30.54	9403.40	19482.00	7.20	1197	-63.80	8337.20	19191.00	7.23
1199	198.32	998.74	160.23	1198	0.86	10613.00	19661.00	9.32	1199	-31.52	9403.40	19328.00	9.33	1200	-63.46	8194.40	18995.00	9.34
1202	198.32	1000.94	160.30	1201	-2.23	10781.00	19471.00	9.35	1202	-32.21	9403.20	19089.00	9.39	1203	-61.67	8025.40	18706.00	9.43
1205	198.32	1003.15	160.37	1204	-4.73	10922.00	19180.00	6.40	1205	-32.92	9403.20	18755.00	6.40	1206	-60.50	7884.00	18329.00	6.40
1208	198.32	1005.35	160.45	1207	-13.02	10958.00	18753.00	-0.77	1208	-33.18	9403.30	18316.00	-0.77	1209	-52.74	7847.90	17880.00	-0.78
1211	198.32	1007.55	160.52	1210	-3.19	10[illegible]2.00	18163.00	-13.24	1211	-33.09	9403.80	17769.00	-13.34	1212	-62.46	8015.40	17378.00	-13.43
1214	198.32	1009.75	160.59	1213	-1.99	10576.00	17454.00	-2.57	1214	-32.45	9405.00	17125.00	-2.58	1215	-62.48	8233.60	16796.00	-2.59
1217	198.32	1010.70	160.62	1216	-10.60	10313.00	17067.00	-43.47	1217	-30.39	9405.20	16819.00	-43.65	1218	-49.88	8500.20	16573.00	-43.83
1220	198.32	1011.66	160.65	1219	-5.98	9865.80	16618.00	-56.00	1220	-32.37	9407.20	16502.00	-55.77	1221	-58.66	8944.60	16386.00	-55.54
1223	198.32	1012.61	160.68	1222	-4.69	9307.80	16128.00	-68.65	1223	-28.10	9404.40	16179.00	-69.43	1224	-51.69	9510.20	16235.00	-70.22
1226	198.32	1013.56	160.71	1225	-12.47	8611.40	15594.00	-85.92	1226	-35.56	9411.70	15857.00	-84.65	1227	-59.17	10195.00	16115.00	-83.38
1229	198.32	1014.51	160.74	1228	2.45	7792.80	15041.00	-98.24	1229	-19.51	9398.40	15545.00	-101.39	1230	-42.39	11042.00	16062.00	-104.55
1232	198.32	1015.47	160.77	1231	-27.39	6776.30	14435.00	-125.51	1232	-48.53	9427.60	15253.00	-119.60	1233	-71.07	12004.00	16051.00	-113.67
1235	198.32	1016.42	160.80	1234	23.02	5677.20	13862.00	-126.32	1235	2.78	9371.30	14994.00	-139.10	1236	-19.41	13220.00	16173.00	-151.96
1238	198.32	1017.37	160.83	1237	-42.43	4231.90	13200.00	-184.15	1238	-61.56	9482.70	14798.00	-159.72	1239	-83.28	14447.00	16313.00	-135.15
1241	198.32	1018.32	160.86	1240	-51.63	2905.00	12655.00	-134.06	1241	-71.83	9287.70	14593.00	-181.11	1242	-95.36	16169.00	16683.00	-228.31
1244	198.32	1019.28	160.89	1243	570.35	3644.00	13008.00	590.59	1244	480.17	7378.00	14133.00	-180.35	1245	386.95	19249.00	17695.00	-953.98
1247	198.32	1019.38	160.89	1246	-383.30	4958.20	13117.00	909.75	1247	278.89	7045.60	13976.00	-113.58	1248	730.67	9817.60	14987.00	-788.10
1250	198.32	1019.75	160.90	1249	-840.04	5132.80	13032.00	-3.38	1250	-702.07	8205.10	14030.00	-3.90	1251	-143.08	4177.90	13043.00	-1.22
1253	198.32	1020.13	160.91	1252	-384.52	4929.00	13110.00	-916.38	1253	294.35	7042.70	13981.00	114.22	1254	772.97	9839.60	15008.00	794.75
1256	198.32	1020.23	160.92	1255	557.08	3610.20	12996.00	-589.57	1256	470.56	7386.30	14135.00	185.14	1257	381.03	19275.00	17704.00	962.56
1259	198.32	1021.23	160.95	1258	-53.35	2930.60	12675.00	138.89	1259	-75.37	9298.90	14609.00	182.51	1260	-100.72	16130.00	16684.00	226.28
1262	198.32	1022.23	160.98	1261	-41.12	4345.20	13265.00	182.96	1262	-58.97	9481.70	14831.00	159.68	1263	-79.37	14345.00	16318.00	136.32
1265	198.32	1023.23	161.01	1264	22.05	5845.10	13968.00	125.41	1265	2.09	9374.30	15052.00	138.08	1266	-19.75	13056.00	16183.00	150.82
1268	198.32	1024.23	161.04	1267	-28.27	6987.00	14580.00	123.92	1268	-49.02	9430.70	15339.00	117.89	1269	-71.06	11797.00	16076.00	111.83
1271	198.32	1025.23	161.07	1270	2.62	8034.20	15223.00	95.84	1271	-19.11	9400.50	15659.00	99.22	1272	-41.65	10807.00	16108.00	102.63
1274	198.32	1026.23	161.10	1273	-13.27	8870.60	15808.00	83.66	1274	-36.31	9415.00	15998.00	82.26	1275	-59.75	9939.50	16182.00	80.84
1277	198.32	1027.23	161.13	1276	-4.73	9578.90	16369.00	66.09	1277	-27.94	9407.00	16245.00	67.02	1278	-51.20	9245.20	16324.00	67.95
1280	198.32	1028.23	161.16	1279	-5.72	10142.00	16881.00	53.79	1280	-32.94	9410.60	16683.00	53.53	1281	-59.95	8673.70	16494.00	53.27
1283	198.32	1029.23	161.19	1282	-12.92	10591.00	17346.00	41.52	1283	-30.27	9408.20	17022.00	41.76	1284	-47.21	8228.10	16698.00	42.00
1286	198.32	1030.23	161.22	1285	0.72	10825.00	17739.00	-3.19	1286	-33.25	9408.40	17340.00	-3.17	1287	-66.67	7990.00	16940.00	-3.16
1289	198.32	1032.65	161.29	1288	-2.33	11021.00	18479.00	12.62	1289	-33.97	9407.00	18024.00	12.74	1290	-64.96	7792.00	17567.00	12.86
1292	198.32	1035.08	161.36	1291	-13.42	11211.00	19077.00	2.00	1292	-34.23	9406.80	18568.00	2.00	1293	-54.33	7602.20	18059.00	2.01
1295	198.32	1037.51	161.44	1294	-4.49	11216.00	19472.00	-2.96	1295	-34.17	9407.00	18960.00	-2.99	1296	-63.12	7597.00	18447.00	-3.03

ter Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

ode	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional ST (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1298	198.32	1039.94	161.51	1297	-3.04	11143.00	19689.00	-4.08	1298	-33.94	9407.40	19198.00	-4.14	1299	-64.15	7670.50	18707.00	-4.21
1301	198.32	1042.36	161.58	1300	-1.27	11060.00	19756.00	-3.21	1301	-33.55	9407.80	19289.00	-3.27	1302	-65.17	7755.10	18822.00	-3.33
1304	198.32	1044.79	161.65	1303	-1.86	10991.00	19687.00	-2.09	1304	-33.09	9407.90	19241.00	-2.09	1305	-63.71	7823.90	18793.00	-2.09
1307	198.32	1047.22	161.72	1306	-2.64	10928.00	19484.00	-2.48	1307	-33.31	9408.00	19057.00	-2.46	1308	-63.38	7887.60	18629.00	-2.44
1310	198.32	1049.65	161.78	1309	-10.34	10817.00	19134.00	-5.86	1310	-33.16	9408.50	18744.00	-5.87	1311	-55.44	7998.90	18353.00	-5.88
1313	198.32	1052.07	161.85	1312	1.30	10574.00	18631.00	-13.75	1313	-32.79	9409.20	18311.30	-13.84	1314	-66.46	8243.40	17990.00	-13.94
1316	198.32	1054.50	161.92	1315	5.35	10392.00	18045.00	7.32	1316	-32.27	9410.50	17779.00	7.35	1317	-69.56	8428.10	17512.00	7.39
1319	198.32	1055.47	161.95	1318	-12.52	10216.00	17751.00	-35.51	1319	-30.36	9410.70	17543.00	-35.66	1320	-47.97	8607.30	17336.00	-35.82
1322	198.32	1056.43	161.97	1321	-3.10	9852.70	17399.00	-44.48	1322	-32.25	9412.60	17298.00	-44.26	1323	-61.32	8968.70	17196.00	-44.05
1325	198.32	1057.40	162.00	1324	-3.33	9408.70	17015.00	-53.38	1325	-28.42	9410.10	17047.00	-54.07	1326	-53.67	9419.80	17082.00	-54.76
1328	198.32	1058.36	162.03	1327	-9.80	8862.10	16598.00	-66.24	1328	-35.11	9416.50	16796.00	-65.11	1329	-60.84	9955.90	16990.00	-63.96
1331	198.32	1059.33	162.05	1330	3.29	8228.30	16169.00	-74.60	1331	-21.01	9404.80	16553.00	-77.34	1332	-46.03	10616.00	16949.00	-80.10
1334	198.32	1060.29	162.08	1333	-22.86	7441.90	15697.00	-95.88	1334	-46.53	9430.20	16325.00	-90.74	1335	-71.28	11355.00	16936.00	-85.58
1337	198.32	1061.26	162.11	1336	21.58	6603.80	15257.00	-94.19	1337	-1.47	9381.60	16123.00	-105.15	1338	-26.02	12294.00	17029.00	-116.17
1340	198.32	1062.22	162.13	1339	-38.11	5487.53	14741.00	-141.36	1340	-59.89	9477.20	15970.00	-120.45	1341	-83.69	13223.00	17128.00	-99.45
1343	198.32	1063.19	162.16	1342	-32.69	4493.00	14332.00	-96.34	1343	-56.77	9309.40	15809.00	-136.39	1344	-83.42	14558.00	17417.00	-176.59
1346	198.32	1064.15	162.19	1345	442.39	5213.50	14648.00	487.12	1346	367.96	7701.50	15413.00	-130.30	1347	291.17	17053.00	18233.00	-749.87
1349	198.32	1064.25	162.19	1348	-328.90	5962.80	14641.00	727.43	1349	33.53	7822.90	15351.00	-102.13	1350	372.12	8524.90	15711.00	-634.96
1352	198.32	1064.50	162.19	1351	-1013.40	5728.00	14364.00	-4.90	1352	-745.61	9191.50	15527.00	-6.65	1353	-77.31	3503.30	14077.00	-3.36
1355	198.32	1064.75	162.20	1354	-331.90	5940.50	14633.00	-737.60	1355	52.94	7819.00	15355.00	97.32	1356	431.12	8542.20	15734.00	636.50
1358	198.32	1064.85	162.20	1357	437.99	5174.30	14634.00	-491.24	1358	364.61	7704.90	15413.00	130.87	1359	288.89	17092.00	18244.00	755.14
1361	198.32	1065.85	162.23	1360	-35.14	4463.70	14326.00	96.82	1361	-59.62	9316.80	15814.00	134.72	1362	-86.69	14579.00	17426.00	172.74
1364	198.32	1066.85	162.26	1363	-36.80	5482.90	14752.00	138.14	1364	-58.02	9476.90	15983.00	117.92	1365	-81.25	13235.00	17146.00	97.63
1367	198.32	1067.85	162.28	1366	21.00	6603.60	15283.00	91.15	1367	-1.80	9383.90	16149.00	102.05	1368	-26.11	12297.00	17057.00	112.99
1370	198.32	1068.85	162.31	1369	-23.20	7439.00	15738.00	92.50	1370	-46.60	9432.70	16368.00	87.24	1371	-71.09	11361.00	16980.00	81.95
1373	198.32	1069.85	162.34	1372	3.64	8215.40	16225.00	70.71	1373	-20.49	9406.90	16615.00	73.60	1374	-45.34	10634.00	17015.00	76.50
1376	198.32	1070.85	162.36	1375	-9.97	8831.20	16670.00	62.54	1376	-35.13	9419.40	16877.00	61.27	1377	-60.70	9991.10	17080.00	59.99
1379	198.32	1071.85	162.39	1378	-2.74	9355.70	17102.00	49.48	1379	-27.94	9412.80	17149.00	50.28	1380	-53.31	9478.30	17198.00	51.08
1382	198.32	1072.85	162.42	1381	-3.17	9773.60	17501.00	41.01	1382	-31.76	9415.60	17421.00	40.68	1383	-60.31	9053.90	17339.00	40.34
1385	198.32	1073.85	162.44	1384	-9.96	10110.00	17869.00	32.12	1385	-29.94	9414.20	17688.00	32.43	1386	-49.73	8720.80	17507.00	32.75
1388	198.32	1074.85	162.47	1387	3.60	10278.00	18185.00	-4.09	1388	-31.04	9414.80	17945.00	-4.08	1389	-65.39	8553.20	17705.00	-4.07
1391	198.32	1077.07	162.53	1390	5.08	10444.00	18763.00	14.07	1391	-29.07	9413.80	18468.00	14.21	1392	-62.84	8399.00	18174.00	14.35
1394	198.32	1079.28	162.59	1393	-5.54	10680.00	19280.00	8.41	1394	-31.44	9421.30	18917.00	8.80	1395	-56.94	8191.30	18554.00	9.20
1397	198.32	1081.50	162.64	1396	0.83	10838.00	19681.00	6.99	1397	-31.60	9429.00	19273.00	7.13	1398	-63.49	8039.30	18865.00	7.28
1400	198.32	1083.71	162.70	1399	2.31	10996.00	19973.00	8.90	1400	-31.45	9429.10	19524.00	8.95	1401	-64.59	7865.20	19074.00	9.00
1403	198.32	1085.93	162.76	1402	2.75	11224.00	20173.00	12.90	1403	-32.64	9428.90	19662.00	13.07	1404	-67.31	7634.00	19150.00	13.24

ster Creek Drywell with Sand - Load Combination V (Accident condition including thermal)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1406	198.32	1088.14	162.81	1405	1.86	11545.00	20277.00	18.05	1406	-33.59	9428.70	19673.00	18.17	1407	-68.15	7311.50	19069.00	18.30
1409	198.32	1090.36	162.87	1408	-0.05	11963.00	20263.00	22.51	1409	-34.67	9428.30	19537.00	22.75	1410	-68.21	6893.40	18809.00	22.98
1412	198.32	1092.57	162.92	1411	-4.53	12445.00	20092.00	24.82	1412	-35.41	9427.60	19223.00	24.99	1413	-64.95	6410.90	18351.00	25.14
1415	198.32	1094.79	162.98	1414	-7.10	12918.00	19710.00	22.46	1415	-36.92	9427.30	18698.00	22.70	1416	-65.20	5936.10	17684.00	22.93
1418	198.32	1097.00	163.03	1417	3.09	13397.00	19086.00	42.43	1418	-36.17	9428.40	17925.00	42.30	1419	-73.67	5460.80	16764.00	42.18
1421	198.32	1098.00	163.06	1420	-18.21	13679.00	18725.00	5.04	1421	-31.53	9429.90	17487.00	5.20	1422	-62.96	5184.10	16248.00	5.35
1424	198.32	1099.00	163.08	1423	-3.61	13678.00	18234.00	-4.65	1424	-34.06	9431.60	16990.00	-4.58	1425	-62.60	5182.00	15744.00	-4.50
1427	198.32	1100.00	163.11	1426	-7.90	13573.00	17646.00	-16.76	1427	-31.75	9430.10	16433.00	-17.00	1428	-53.74	5290.20	15221.00	-17.24
1430	198.32	1101.00	163.13	1429	-10.90	13334.00	16958.00	-32.[illegible]	1430	-34.80	9433.10	15817.00	-32.38	1431	-56.96	5524.40	14672.00	-31.91
1433	198.32	1102.00	163.15	1432	-7.59	12943.00	16171.00	-49.86	1433	-28.56	9428.40	15144.00	-51.01	1434	-47.96	5926.80	14121.00	-52.17
1436	198.32	1103.00	163.18	1435	-17.56	12346.00	15267.00	-75.16	1436	-39.40	9439.10	14421.00	-73.17	1437	-59.97	6505.40	13567.00	-71.17
1439	198.32	1104.00	163.20	1438	-8.13	11552.00	14268.00	-94.61	1439	-18.19	9419.90	13656.00	-99.07	1440	-27.37	7341.60	13061.00	-103.55
1442	198.32	1105.00	163.23	1441	-9.89	10443.00	13140.00	-136.99	1442	-52.19	9459.30	12861.00	-128.93	1443	-94.11	8378.00	12555.00	-120.85
1445	198.32	1106.00	163.25	1444	-89.31	9128.80	11912.00	-146.50	1445	-6.03	9388.30	12042.00	-162.85	1446	76.81	9844.30	12233.00	-179.25
1448	198.32	1107.00	163.28	1447	-142.50	5755.80	10078.00	-155.31	1448	-31.91	9198.20	11168.00	47.80	1449	15.20	12882.00	12316.00	-339.42
1451	198.47	1108.25	163.29	1450	-307.45	-1062.60	7035.30	-493.78	1451	-173.98	6128.50	9259.30	410.76	1452	-263.97	13606.00	11511.00	-397.96
1454	198.63	1109.50	163.31	1453	244.83	-4429.60	5360.50	-548.34	1454	175.49	4643.20	8087.00	182.80	1455	-72.84	14280.00	10942.00	-199.18
					1	94	88	97		2	872	86	878		3	3	87	99
					2799.50	28067.00	20730.00	4192.80		6608.10	18042.00	21687.00	632.56		10414.00	32882.00	23514.00	-2426.10

yster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)
2	247.08	106.93	36.00
5	248.68	108.10	36.27
8	250.28	109.28	36.54
11	251.87	110.46	36.81
14	253.45	111.66	37.08
17	255.03	112.86	37.35
20	256.61	114.06	37.62
23	258.18	115.28	37.89
26	259.74	116.50	38.16
29	261.30	117.73	38.43
32	262.85	118.97	38.70
35	264.39	120.21	38.98
38	265.93	121.46	39.25
41	267.47	122.72	39.52
44	269.00	123.99	39.79
47	270.52	125.26	40.06
50	272.03	126.54	40.33
53	273.54	127.83	40.60
56	275.05	129.13	40.87
59	276.54	130.43	41.14
62	278.04	131.74	41.41
65	279.54	133.07	41.68
68	281.03	134.41	41.96
71	282.52	135.75	42.23
74	284.01	137.11	42.50
77	285.48	138.47	42.78
80	286.96	139.83	43.05
83	288.42	141.21	43.33
86	289.88	142.59	43.60
89	291.33	143.98	43.87
92	292.77	145.37	44.15
95	294.21	146.77	44.42
98	294.65	147.04	44.49
101	295.08	147.31	44.56
104	296.51	148.72	44.83
107	297.92	150.14	45.10

Outside Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1	-14469.00	-51869.00	-19993.00	1035.80
4	3869.90	-45314.00	-12259.00	853.96
7	-1279.20	-33410.00	-9376.30	660.10
10	166.06	-23717.00	-4580.40	510.66
13	-170.27	-16448.00	-806.71	358.81
16	-68.04	-11222.00	2550.40	243.85
19	-60.47	-7638.20	5309.50	149.16
22	-53.71	-5431.80	7496.90	79.36
25	-36.79	-4252.80	9179.00	20.36
28	-37.81	-3874.20	10396.00	-17.69
31	-29.86	-4046.50	11227.00	-46.73
34	-27.30	-4569.10	11730.00	-62.71
37	-26.46	-5230.00	11979.00	-71.21
40	-25.20	-5961.90	12017.00	-71.63
43	-22.84	-6733.30	11887.00	-68.69
46	-22.60	-7496.10	11627.00	-63.19
49	-22.51	-8214.30	11275.00	-57.22
52	-22.83	-8876.80	10858.00	-50.89
55	-24.32	-9488.20	10398.00	-46.19
58	-25.79	-10062.00	9912.90	-41.93
61	-25.80	-10631.00	9413.20	-40.69
64	-25.57	-11169.00	8921.90	-36.48
67	-29.40	-11646.00	8470.00	-32.15
70	-25.86	-12059.00	8079.40	-26.08
73	-33.63	-12445.00	7749.70	-25.88
76	-25.12	-12786.00	7508.40	-19.87
79	-39.94	-13118.00	7347.80	-22.37
82	-24.78	-13368.00	7316.60	-12.36
85	-43.43	-13585.00	7395.20	-16.30
88	-47.53	-13613.00	7651.70	4.09
91	48.20	-13533.00	8094.10	-0.81
94	-2[illegible]2.32	-11115.00	9194.30	-697.73
97	-7[illegible].20	-4584.10	11143.00	-779.76
100	-54.34	-889.73	12222.00	0.13
103	-13.35	-574.34	12863.00	5.92
106	-9.17	-561.08	13338.00	-0.70

Middle Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
2	-6134.40	-14429.00	-6210.80	883.07
5	1391.50	-14473.00	-3584.80	792.16
8	-457.20	-14356.00	-3069.10	633.18
11	41.81	-14226.00	-1351.60	489.43
14	-48.53	-14135.00	376.07	363.36
17	-29.85	-13966.00	2192.90	256.34
20	-14.48	-13819.00	3908.90	168.57
23	-23.52	-13522.00	5461.90	98.59
26	-14.80	-13430.00	6804.80	44.61
29	-24.04	-13209.00	7919.60	4.48
32	-22.63	-12988.00	8805.80	-23.76
35	-25.76	-12752.00	9474.30	-42.32
38	-28.36	-12516.00	9943.70	-52.08
41	-29.59	-12276.00	10237.00	-55.14
44	-28.86	-12039.00	10378.00	-54.44
47	-29.41	-11804.00	10393.00	-51.46
50	-29.53	-11572.00	10307.00	-47.49
53	-29.47	-11345.00	10144.00	-43.50
56	-30.56	-11123.00	9926.60	-40.32
59	-30.18	-10909.00	9674.60	-38.38
62	-31.44	-10698.00	9408.40	-38.22
65	-31.89	-10491.00	9143.90	-35.89
68	-35.41	-10281.00	8904.60	-31.58
71	-31.05	-10084.00	8705.70	-28.81
74	-38.24	-9881.60	8561.90	-26.92
77	-29.76	-9699.70	8487.30	-25.64
80	-44.81	-9498.40	8493.90	-24.32
83	-30.15	-9332.10	8593.40	-21.58
86	-53.75	-9121.20	8797.00	-17.41
89	-47.57	-8974.00	9101.40	-9.86
92	-3.63	-8739.20	9553.30	2.10
95	-226.11	-8353.50	10067.00	43.83
98	223.60	-6521.90	10821.00	-191.98
101	50.31	-5382.80	11181.00	-277.13
104	-43.05	-5052.70	11738.00	9.15
107	-16.48	-4959.00	12202.00	-1.63

Inside Nodes				
Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
3	2192.90	22186.00	7344.80	715.52
6	-1084.80	16200.00	5057.00	718.47
9	356.51	4650.60	3228.10	599.85
12	-84.63	-4830.30	1850.50	464.72
15	71.77	-11782.00	1569.60	366.61
18	8.47	-16770.00	1813.70	263.33
21	32.45	-19986.00	2503.50	189.44
24	8.21	-21856.00	3399.70	120.02
27	9.06	-22631.00	4409.20	71.47
30	-8.27	-22627.00	5409.20	29.35
33	-13.43	-22053.00	6348.30	1.89
36	-22.32	-21123.00	7171.70	-19.42
39	-28.60	-19952.00	7872.20	-30.62
42	-32.51	-18671.00	8434.00	-36.70
45	-33.65	-17379.00	8857.40	-38.49
48	-35.22	-16127.00	9151.60	-38.39
51	-35.77	-14941.00	9334.40	-36.68
54	-35.53	-13828.00	9426.70	-35.33
57	-36.43	-12785.00	9450.60	-33.93
60	-34.37	-11790.60	9433.30	-34.55
63	-37.07	-10821.00	9398.70	-35.79
66	-38.36	-9878.00	9363.30	-35.51
69	-41.72	-9009.10	9333.40	-31.76
72	-36.69	-8199.70	9331.10	-32.06
75	-43.41	-7445.90	9365.80	-29.16
78	-35.15	-6706.40	9468.10	-32.45
81	-50.57	-6018.70	9627.20	-26.86
84	-36.53	-5340.30	9878.30	-32.37
87	-65.18	-4782.60	10177.00	-19.25
90	-48.84	-4296.20	10566.00	-25.39
93	-56.52	-4144.60	10963.00	4.05
96	-515.15	-6103.00	10739.00	700.21
99	243.34	-7718.60	10644.00	1140.20
102	281.51	-8934.00	10449.00	507.89
105	-71.13	-9722.40	10598.00	13.85
108	-22.18	-9635.90	11042.00	-0.93

Oyster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
110	299.33	151.56	45.37	109	-2.85	-583.17	13716.00	-11.07	110	-17.64	-4876.80	12587.00	-9.54	111	-30.94	-9412.90	11439.00	-6.35
113	300.74	152.99	45.65	112	-4.48	-683.04	13997.00	-16.20	113	-18.31	-4788.10	12908.00	-16.74	114	-30.69	-9098.80	11799.00	-15.68
116	302.13	154.42	45.92	115	-1.44	-853.94	14193.00	-21.54	116	-16.39	-4704.20	13164.00	-22.22	117	-29.98	-8716.40	12120.00	-21.43
119	303.52	155.87	46.19	118	-1.17	-1084.30	14312.00	-24.43	119	-17.09	-4617.60	13362.00	-26.38	120	-31.75	-8290.80	12397.00	-27.00
122	304.91	157.31	46.47	121	-2.07	-1355.60	14364.00	-26.69	122	-16.54	-4533.40	13506.00	-29.36	123	-29.90	-7830.20	12635.00	-30.86
125	306.28	158.77	46.74	124	7.18	-1653.10	14363.00	-26.83	125	-15.18	-4448.80	13603.00	-30.52	126	-36.52	-7355.00	12830.00	-33.21
128	307.65	160.23	47.01	127	-21.54	-1957.90	14306.00	-24.94	128	-17.96	-4365.90	13656.00	-29.34	129	-13.60	-6879.20	12995.00	-32.86
131	309.01	161.70	47.28	130	28.87	-2506.30	14168.00	-39.89	131	-8.79	-4283.20	13681.00	-43.33	132	-45.92	-6163.80	13182.00	-46.36
134	312.35	165.36	47.96	133	9.75	-3090.20	13896.00	-2.16	134	-10.12	-4084.40	13627.00	-6.31	135	-29.66	-5183.90	13344.00	-10.45
137	315.65	169.06	48.64	136	8.77	-3476.80	13589.00	7.37	137	-15.87	-3895.90	13472.00	1.17	138	-40.51	-4407.20	13344.00	-5.68
140	318.91	172.81	49.31	139	2.03	-3657.90	13285.00	15.21	140	-21.70	-3715.80	13269.00	7.43	141	-45.57	-3828.30	13247.00	-0.55
143	322.12	176.58	49.99	142	-5.57	-3670.70	13005.00	20.60	143	-30.27	-3543.90	13051.00	12.15	144	-55.14	-3455.90	13094.00	3.63
146	325.28	180.40	50.66	145	-15.62	-3580.70	12763.00	24.63	146	-41.25	-3379.50	12840.00	15.65	147	-67.03	-3373.80	12910.00	6.53
149	328.40	184.25	51.34	148	-0.87	-3296.30	12606.00	27.57	149	-26.92	-3218.20	12654.00	22.12	150	-52.72	-3580.80	12691.00	16.37
152	331.48	188.14	52.01	151	-10.49	-2751.50	12539.00	29.33	152	-16.68	-3053.50	12487.00	27.62	153	-22.36	-3853.20	12424.00	25.38
155	334.51	192.07	52.69	154	-25.68	-2295.10	12439.00	4.52	155	-26.82	-2871.30	12307.00	3.62	156	-27.79	-3784.70	12164.00	2.91
158	337.49	196.03	53.36	157	-21.33	-2182.60	12208.00	-3.11	158	-35.56	-2705.60	12076.00	-6.69	159	-49.69	-3373.80	11933.00	-10.19
161	340.00	199.45	53.94	160	-4.08	-2263.20	11932.00	1.19	161	-24.17	-2595.90	11833.00	-4.46	162	-44.33	-2990.80	11728.00	-10.11
164	342.48	202.89	54.52	163	-5.18	-2351.10	11614.00	5.94	164	-21.99	-2491.10	11559.00	0.33	165	-39.09	-2692.10	11500.00	-5.54
167	344.93	206.36	55.10	166	-10.84	-2430.10	11261.00	6.55	167	-26.83	-2391.20	11263.00	0.35	168	-43.02	-2426.40	11261.00	-6.09
170	347.34	209.85	55.68	169	-19.73	-2566.80	10876.00	3.33	170	-35.14	-2295.90	10960.00	-3.44	171	-50.75	-2189.90	11036.00	-10.37
173	349.71	213.36	56.25	172	-29.12	-2807.90	10484.00	0.55	173	-45.89	-2205.90	10674.00	-8.16	174	-62.85	-2064.10	10849.00	-17.16
176	352.05	216.90	56.83	175	-16.82	-2946.10	10172.00	-4.44	176	-32.28	-2113.70	10434.00	-11.06	177	-47.05	-1966.60	10676.00	-17.94
179	354.35	220.46	57.41	178	-27.91	-2778.90	10006.00	-0.27	179	-44.78	-2025.10	10255.00	-5.81	180	-61.95	-1747.20	10487.00	-11.49
182	356.62	224.05	57.99	181	-20.13	-2510.10	9933.10	5.67	182	-35.36	-1946.50	10129.00	-1.05	183	-50.91	-1564.00	10317.00	-7.96
185	358.85	227.66	58.57	184	-13.85	-2330.30	9881.40	9.19	185	-27.88	-1870.30	10042.00	2.08	186	-42.23	-1519.60	10191.00	-5.34
188	361.04	231.29	59.14	187	-8.86	-2217.00	9838.70	11.51	188	-22.38	-1797.00	9979.60	4.22	189	-36.21	-1512.00	10105.00	-3.45
191	363.20	234.94	59.72	190	-4.56	-2129.40	9802.00	12.21	191	-17.02	-1726.30	9933.50	5.90	192	-29.82	-1484.60	10044.00	-1.62
194	365.32	238.61	60.30	193	-5.41	-2047.00	9770.00	10.65	194	-17.74	-1655.70	9897.40	5.21	195	-30.42	-1447.30	10005.00	-1.31
197	367.41	242.31	60.88	196	-7.15	-1974.10	9742.20	8.85	197	-21.00	-1587.90	9870.00	3.42	198	-35.17	-1312.00	9985.70	-2.30
200	369.45	246.03	61.45	199	-12.29	-1914.50	9719.70	7.80	200	-27.67	-1522.80	9855.60	2.41	201	-43.37	-1200.70	9984.80	-3.20
203	371.46	249.76	62.03	202	-16.16	-1876.80	9711.80	7.85	203	-33.51	-1460.80	9861.10	1.85	204	-51.13	-1148.40	10005.00	-4.32
206	373.43	253.52	62.61	205	-24.64	-1866.40	9728.30	8.06	206	-42.04	-1398.30	9893.60	1.99	207	-59.66	-1281.90	10042.00	-4.24
209	375.36	257.30	63.19	208	-9.30	-1682.80	9829.10	6.66	209	-32.04	-1335.70	9958.00	3.48	210	-54.21	-1550.20	10068.00	0.11
212	377.26	261.09	63.77	211	-22.93	-1155.60	10036.00	12.62	212	-28.23	-1270.10	10053.00	12.79	213	-33.51	-1855.50	10051.00	12.92
215	379.11	264.91	64.34	214	-46.62	-756.00	10197.00	-22.94	215	-31.55	-1123.10	10160.00	-20.92	216	-16.50	-1759.90	10114.00	-18.75

yster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
218	380.93	268.74	64.92	217	-24.79	-1058.80	10153.00	-41.60	218	-43.11	-978.68	10244.00	-46.30	219	-61.55	-1068.90	10323.00	-51.21
221	382.71	272.59	65.50	220	8.44	-1503.60	10090.00	-6.02	221	-22.88	-927.19	10322.00	-12.16	222	-54.52	-512.37	10536.00	-18.59
224	383.49	274.32	65.76	223	-1.37	-1660.90	10086.00	-9.37	224	-14.26	-902.74	10370.00	-14.15	225	-27.59	-357.25	10628.00	-19.22
227	384.26	276.04	66.02	226	1.48	-1704.80	10126.00	3.42	227	-15.08	-876.96	10427.00	-3.60	228	-32.11	-306.56	10691.00	-11.04
230	385.03	277.78	66.27	229	3.30	-1649.00	10205.00	11.77	230	-13.51	-852.86	10493.00	7.12	231	-30.85	-341.68	10739.00	2.20
233	385.79	279.51	66.53	232	-4.12	-1477.80	10322.00	23.87	233	-17.18	-834.83	10565.00	17.54	234	-30.67	-460.54	10770.00	10.32
236	386.54	281.25	66.79	235	-6.48	-1314.20	10455.00	106.91	236	11.53	-880.49	10643.00	6.07	237	5.73	-470.76	10843.00	-42.86
239	386.75	282.00	66.90	238	-84.83	-1795.80	10392.00	228.54	239	-14.87	-992.16	10654.00	-43.84	240	-23.83	-295.13	10904.00	-117.85
242	386.97	282.74	67.00	241	-92.37	-2550.90	10280.00	164.69	242	-67.29	-1133.50	10649.00	-6.37	243	-86.97	-74.05	10968.00	-54.75
245	387.40	283.76	67.15	244	12.10	-2524.70	10383.00	44.55	245	-9.74	-1167.30	10710.00	37.97	246	-32.04	-76.98	11021.00	31.37
248	387.82	284.77	67.30	247	-9.87	-2130.20	10532.00	33.98	248	-15.32	-1171.60	10763.00	32.91	249	-21.08	-358.02	10997.00	31.67
251	388.24	285.79	67.45	250	-10.17	-1809.20	10669.00	31.07	251	-20.41	-1149.00	10827.00	27.65	252	-30.90	-620.63	10978.00	24.19
254	386.67	286.80	67.60	253	-8.80	-1524.00	10799.00	24.35	254	-17.92	-1141.20	10891.00	22.51	255	-27.21	-826.98	10981.00	20.62
257	389.08	287.82	67.75	256	-11.70	-1298.90	10913.00	19.76	257	-21.29	-1126.00	10956.00	17.50	258	-30.99	-1093.10	10994.00	15.24
260	389.50	288.84	67.90	259	-11.67	-1122.10	11016.00	14.64	260	-21.45	-1114.60	11020.00	12.76	261	-31.28	-1146.50	11020.00	10.86
263	389.91	289.86	68.05	262	-13.71	-997.73	11104.00	9.95	263	-23.23	-1101.00	11084.00	8.18	264	-32.76	-1276.30	11056.00	6.43
266	390.32	290.88	68.20	265	-13.30	-917.64	11183.00	5.73	266	-24.44	-1089.30	11146.00	3.73	267	-35.53	-1411.50	11100.00	1.74
269	390.73	291.90	68.35	268	-20.48	-886.73	11241.00	0.76	269	-26.49	-1075.30	11207.00	-0.54	270	-32.40	-1568.40	11156.00	-1.83
272	391.13	292.93	68.50	271	-22.73	-1017.50	11265.00	-17.34	272	-43.66	-1062.30	11267.00	-19.21	273	-64.49	-1776.80	11235.00	-21.11
275	392.28	295.87	68.93	274	-16.33	-1025.10	11420.00	-14.53	275	-29.45	-1020.50	11437.00	-13.52	276	-41.70	-1952.80	11414.00	-12.49
278	393.40	298.82	69.36	277	-47.84	-641.14	11682.00	-17.98	278	-57.43	-978.41	11607.00	-15.14	279	-66.90	-1898.70	11499.00	-12.17
281	394.50	301.77	69.79	280	-33.18	-202.03	11939.00	-14.87	281	-45.05	-944.01	11752.00	-13.58	282	-56.79	-1811.00	11556.00	-12.19
284	395.58	304.74	70.22	283	-23.52	30.30	12090.00	-11.99	284	-34.86	-909.34	11851.00	-11.66	285	-46.09	-1892.50	11602.00	-11.27
287	396.64	307.71	70.65	286	-14.49	63.75	12126.00	-8.91	287	-25.23	-876.04	11893.00	-9.66	288	-35.85	-1951.80	11630.00	-10.40
290	397.67	310.69	71.08	289	-9.52	-44.14	12065.00	-8.07	290	-18.95	-840.23	11878.00	-9.39	291	-28.28	-1912.40	11633.00	-10.74
293	398.68	313.68	71.51	292	-3.62	-214.09	11944.00	-8.09	293	-13.71	-806.12	11817.00	-9.50	294	-23.66	-1763.70	11613.00	-11.88
296	399.67	316.68	71.94	295	-1.19	-380.54	11796.00	-8.46	296	-13.57	-774.95	11720.00	-8.25	297	-25.99	-1534.20	11566.00	-9.64
299	400.64	319.68	72.37	298	-5.93	-469.48	11651.00	-6.87	299	-22.06	-745.72	11594.00	-6.70	300	-38.22	-1283.50	11485.00	-6.83
302	401.58	322.69	72.80	301	-15.87	-485.88	11500.00	-4.99	302	-28.41	-716.70	11444.00	-5.22	303	-41.03	-1064.40	11367.00	-5.45
305	402.51	325.71	73.23	304	-23.00	-545.67	11302.00	-8.75	305	-30.09	-663.09	11275.00	-8.75	306	-37.29	-807.39	11244.00	-8.73
308	403.41	328.73	73.66	307	-22.82	-761.28	11040.00	-10.89	308	-34.34	-611.30	11090.00	-13.10	309	-45.98	-486.10	11138.00	-15.33
311	404.28	331.76	74.09	310	-29.62	-1105.10	10741.00	-11.59	311	-45.59	-585.64	10901.00	-15.16	312	-61.70	-273.80	11053.00	-18.77
314	405.13	334.80	74.52	313	-47.25	-1520.90	10448.00	-13.18	314	-62.41	-562.65	10738.00	-18.56	315	-77.72	-389.55	11001.00	-24.03
317	405.97	337.84	74.95	316	-29.87	-1702.50	10282.00	-22.45	317	-41.96	-533.40	10629.00	-24.46	318	-53.19	-541.87	10941.00	-26.53
320	406.77	340.89	75.38	319	-54.59	-1347.30	10326.00	-20.66	320	-69.63	-506.14	10585.00	-20.60	321	-84.80	-351.33	10817.00	-20.52
323	407.56	343.95	75.81	322	-40.21	-802.08	10477.00	-12.14	323	-53.99	-485.13	10584.00	-13.58	324	-67.91	-283.98	10684.00	-15.01

yster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

				Outside Nodes				Middle Nodes					Inside Nodes				
Node	X (inch)	Y (inch)	Theta (degrees)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
326	408.32	347.01	76.24	325	-27.05	-407.85	10606.00	-5.48	326	-39.75	-465.02	10597.00	-7.57	327	-52.58	-558.30	10583.00	-9.68
329	409.06	350.08	76.67	328	-16.48	-173.40	10678.00	-0.22	329	-27.92	-444.86	10598.00	-2.52	330	-39.43	-861.33	10500.00	-4.85
332	409.77	353.15	77.10	331	-7.65	-26.65	10690.00	3.31	332	-19.00	-426.18	10574.00	1.53	333	-30.47	-1091.60	10417.00	-0.56
335	410.47	356.23	77.53	334	-5.84	117.67	10659.00	2.18	335	-13.52	-407.06	10519.00	2.95	336	-21.17	-1242.80	10322.00	2.71
338	411.14	359.31	77.96	337	-9.07	232.67	10590.00	-6.78	338	-12.78	-361.25	10434.00	-5.27	339	-16.22	-1254.70	10223.00	-4.25
341	411.78	362.40	78.39	340	-11.71	208.53	10457.00	-10.99	341	-18.34	-316.37	10313.00	-10.60	342	-24.96	-1122.40	10118.00	-11.20
344	412.41	365.49	78.82	343	-9.56	71.17	10260.00	-12.60	344	-19.70	-300.35	10148.00	-11.77	345	-29.94	-884.64	10004.00	-11.32
347	413.01	368.59	79.25	346	-19.08	-127.85	10002.00	-15.75	347	-30.40	-285.92	9951.00	-15.61	348	-41.82	-534.60	9889.60	-15.47
350	413.58	371.69	79.68	349	-28.59	-435.19	9685.10	-16.46	350	-42.07	-267.77	9735.60	-17.92	351	-55.71	-119.78	9783.80	-19.39
353	414.14	374.80	80.11	352	-40.96	-854.21	9338.00	-16.88	353	-55.53	-250.72	9522.60	-20.02	354	-70.26	168.50	9699.10	-23.20
356	414.67	377.91	80.54	355	-57.57	-1373.00	8997.90	-18.21	356	-72.57	-238.17	9338.90	-23.71	357	-87.73	21.53	9647.60	-29.27
359	415.17	381.02	80.97	358	-34.61	-1630.00	8802.40	-27.42	359	-45.29	-222.60	9217.30	-28.90	360	-55.10	-201.54	9590.80	-30.42
362	415.66	384.14	81.40	361	-60.64	-1280.50	8848.30	-24.99	362	-74.57	-207.37	9174.20	-24.23	363	-88.67	12.51	9454.40	-23.44
365	416.12	387.26	81.83	364	-45.45	-704.82	9023.90	-16.56	365	-58.06	-197.48	9186.60	-17.44	366	-70.85	144.33	9339.90	-18.31
368	416.56	390.38	82.26	367	-32.70	-287.53	9178.00	-9.84	368	-44.18	-187.60	9220.20	-11.71	369	-55.83	-118.59	9257.30	-13.59
371	416.97	393.51	82.69	370	-21.23	-59.78	9264.70	-4.61	371	-31.50	-178.44	9248.30	-7.01	372	-41.91	-439.44	9205.20	-9.44
374	417.36	396.64	83.12	373	-13.85	23.75	9272.20	-1.83	374	-23.22	-165.85	9254.90	-4.32	375	-32.69	-683.01	9163.10	-6.84
377	417.72	399.78	83.55	376	-7.26	67.09	9241.20	0.07	377	-16.23	-153.93	9237.20	-2.25	378	-25.22	-849.80	9116.90	-4.85
380	418.07	402.91	83.98	379	-3.82	134.29	9214.10	-1.08	380	-11.71	-146.06	9199.90	-0.06	381	-19.66	-941.35	9056.80	-1.78
383	418.39	406.05	84.41	382	-8.90	242.16	9200.70	-4.17	383	-17.51	-138.82	9144.10	-1.66	384	-26.13	-946.57	8980.20	0.03
386	418.68	409.19	84.84	385	-15.92	349.38	9170.50	-7.72	386	-24.05	-125.35	9059.40	-5.03	387	-32.21	-856.70	8888.70	-2.38
389	418.95	412.33	85.27	388	-23.56	347.80	9059.70	-11.58	389	-32.29	-112.72	8931.90	-9.76	390	-41.07	-667.36	8787.20	-7.94
392	419.20	415.48	85.70	391	-35.38	132.16	8828.30	-16.91	392	-44.44	-107.10	8760.80	-16.41	393	-53.57	-367.66	8689.40	-15.89
395	419.43	418.63	86.13	394	-49.42	-325.43	8493.50	-23.12	395	-59.22	-102.11	8564.80	-24.42	396	-69.10	-110.50	8622.80	-25.73
398	419.63	421.78	86.56	397	-63.33	-999.23	8105.20	-27.89	398	-76.05	-97.42	8374.70	-32.05	399	-88.87	-220.60	8598.40	-36.23
401	419.81	424.93	86.99	400	-35.53	-1440.80	7838.40	-37.37	401	-46.12	-92.25	8231.70	-37.65	402	-55.79	-336.30	8569.20	-37.94
404	419.96	428.08	87.42	403	-63.76	-1212.70	7825.90	-33.30	404	-78.39	-87.62	8162.80	-31.44	405	-93.17	41.99	8451.60	-29.57
407	420.09	431.23	87.85	406	-49.03	-697.44	7962.30	-23.03	407	-61.98	-85.33	8152.20	-23.35	408	-75.14	320.53	8328.80	-23.66
410	420.20	434.38	88.28	409	-36.79	-311.32	8086.20	-14.87	410	-48.27	-83.05	8166.80	-16.63	411	-59.96	119.59	8241.30	-18.40
413	420.28	437.54	88.71	412	-25.87	-116.25	8137.00	-8.50	413	-36.20	-81.48	8179.20	-11.18	414	-46.71	-197.72	8184.70	-13.87
416	420.34	440.69	89.14	415	-16.68	-86.92	8100.00	-3.69	416	-26.08	-80.16	8172.70	-6.85	417	-35.62	-455.96	8141.50	-10.02
419	420.37	443.85	89.57	418	-8.32	-86.72	8046.10	-0.11	419	-16.93	-79.30	8150.80	-3.19	420	-25.63	-644.61	8099.50	-6.43
422	420.39	447.00	90.00	421	-3.85	-35.41	8027.70	-0.54	422	-10.81	-78.83	8126.00	-0.25	423	-17.82	-764.31	8050.30	-3.18
425	420.37	450.15	90.43	424	-7.43	74.60	8052.00	-2.79	425	-15.68	-78.78	8099.90	-0.59	426	-23.99	-813.29	7988.20	0.19
428	420.34	453.31	90.86	427	-15.91	228.16	8095.10	-6.11	428	-24.57	-79.18	8054.30	-3.40	429	-33.31	-781.10	7911.10	-0.84
431	420.28	456.46	91.29	430	-26.27	331.42	8075.70	-10.11	431	-35.41	-79.91	7964.70	-7.82	432	-44.62	-651.40	7822.80	-5.53

ster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
434	420.20	459.62	91.72	433	-38.51	224.10	7911.30	-14.69	434	-48.17	-81.10	7825.20	-13.43	435	-57.92	-414.21	7734.30	-12.16
437	420.09	462.77	92.15	436	-53.39	-144.13	7626.90	-20.17	437	-63.68	-82.48	7652.80	-20.47	438	-74.04	-245.93	7667.50	-20.76
440	419.96	465.92	92.58	439	-71.63	-739.28	7275.30	-26.34	440	-82.53	-84.32	7475.20	-29.13	441	-93.47	-521.41	7637.50	-31.92
443	419.81	469.07	93.01	442	-41.27	-1153.00	7017.30	-39.41	443	-46.86	-88.04	7330.10	-37.64	444	-51.25	-799.69	7600.10	-35.86
446	419.63	472.22	93.44	445	-66.24	-986.17	6972.10	-38.81	446	-75.42	-93.18	7243.80	-34.59	447	-84.66	-417.82	7480.20	-30.36
449	419.43	475.37	93.87	448	-42.03	-648.24	7034.60	-30.92	449	-52.74	-96.41	7206.50	-29.12	450	-63.57	108.69	7366.00	-27.32
452	419.20	478.52	94.30	451	-34.74	-414.46	7096.70	-24.24	452	-48.54	-80.83	7199.20	-24.00	453	-62.52	218.45	7298.00	-23.75
455	418.95	481.67	94.73	454	-34.71	-212.40	7152.50	-16.44	455	-46.73	-65.38	7201.50	-18.32	456	-58.96	19.51	7240.40	-20.18
458	418.68	484.81	95.16	457	-21.38	-150.91	7143.50	-8.54	458	-30.95	-69.43	7191.00	-11.55	459	-40.71	-236.50	7182.20	-14.55
461	418.39	487.95	95.59	460	-11.81	-186.22	7065.90	-2.92	461	-20.51	-74.63	7160.70	-6.21	462	-29.36	-429.50	7130.40	-9.51
464	418.07	491.09	96.02	463	-4.78	-181.66	7000.80	-1.04	464	-11.60	-79.40	7119.90	-1.85	465	-18.49	-557.59	7078.30	-5.19
467	417.72	494.22	96.45	466	-6.76	-100.02	6985.10	-2.24	467	-14.41	-85.16	7079.10	-0.66	468	-22.15	-615.59	7021.90	-0.84
470	417.36	497.36	96.88	469	-15.94	40.52	7006.90	-5.33	470	-24.00	-90.63	7035.20	-3.05	471	-32.16	-597.27	6960.50	-0.97
473	416.97	500.49	97.31	472	-26.29	143.68	7008.70	-8.96	473	-34.91	-96.95	6972.80	-7.06	474	-43.64	-488.87	6898.40	-5.19
476	416.56	503.62	97.74	475	-38.06	53.74	6913.50	-12.97	476	-47.29	-102.94	6882.10	-11.93	477	-56.62	-288.23	6843.10	-10.88
479	416.12	506.74	98.17	478	-51.48	-268.29	6715.30	-17.42	479	-61.50	-109.76	6770.40	-17.85	480	-71.60	-143.98	6809.10	-18.27
482	415.66	509.86	98.60	481	-68.13	-785.59	6459.80	-22.55	482	-78.89	-116.01	6658.50	-25.02	483	-89.67	-426.94	6796.90	-27.46
485	415.17	512.98	99.03	484	-39.80	-1089.20	6304.30	-35.06	485	-45.80	-128.11	6577.40	-32.90	486	-50.82	-747.45	6776.50	-30.72
488	414.67	516.09	99.46	487	-68.12	-775.35	6362.20	-35.36	488	-77.93	-140.77	6546.30	-30.58	489	-87.77	-481.10	6667.30	-25.84
491	414.14	519.20	99.89	490	-52.25	-261.83	6511.50	-28.82	491	-60.27	-148.99	6544.60	-26.19	492	-68.36	-227.32	6559.10	-23.58
494	413.58	522.31	100.32	493	-39.52	12.47	6581.30	-23.99	494	-46.49	-158.04	6536.20	-23.48	495	-53.58	-356.68	6483.60	-22.96
497	413.01	525.41	100.75	496	-26.01	23.15	6518.20	-19.38	497	-34.08	-167.11	6497.50	-20.48	498	-42.28	-496.99	6438.70	-21.57
500	412.41	528.51	101.18	499	-14.20	-141.28	6347.30	-12.56	500	-23.51	-176.68	6423.30	-15.07	501	-32.95	-547.08	6400.00	-17.53
503	411.78	531.60	101.61	502	-6.13	-309.86	6175.30	-6.27	503	-14.81	-186.33	6331.80	-9.05	504	-23.60	-560.01	6350.20	-12.15
506	411.14	534.69	102.04	505	-3.49	-390.24	6063.00	-4.46	506	-10.02	-196.34	6248.10	-4.49	507	-16.64	-549.80	6288.40	-7.58
509	410.47	537.77	102.47	508	-8.86	-381.70	6017.70	-4.97	509	-16.49	-206.55	6181.80	-3.79	510	-24.27	-506.20	6221.10	-3.68
512	409.77	540.85	102.90	511	-18.22	-317.66	6016.30	-7.03	512	-26.09	-216.90	6124.70	-5.63	513	-34.14	-411.81	6155.30	-4.36
515	409.06	543.92	103.33	514	-28.51	-306.62	5997.10	-9.70	515	-37.20	-227.52	6060.90	-9.01	516	-46.08	-249.91	6099.40	-8.32
518	408.32	546.99	103.76	517	-38.14	-455.89	5902.70	-11.86	518	-48.29	-235.53	5984.80	-11.94	519	-58.63	-43.91	6060.70	-12.00
521	407.56	550.05	104.19	520	-50.36	-750.52	5748.10	-13.29	521	-61.33	-242.17	5907.30	-14.89	522	-72.44	-11.48	6046.40	-16.46
524	406.77	553.11	104.62	523	-66.49	-1176.20	5573.10	-16.86	524	-77.70	-250.71	5847.60	-20.12	525	-88.98	-441.29	6056.40	-23.30
527	405.97	556.16	105.05	526	-38.20	-1353.40	5523.10	-29.00	527	-45.17	-269.84	5831.10	-26.70	528	-51.08	-889.47	6058.40	-24.36
530	405.13	559.20	105.48	529	-65.29	-868.74	5703.70	-27.73	530	-76.56	-289.85	5871.20	-21.88	531	-87.81	-819.51	5972.60	-16.13
533	404.28	562.24	105.91	532	-47.79	-123.55	5986.40	-19.28	533	-57.86	-302.00	5938.30	-14.51	534	-67.91	-782.80	5867.70	-9.81
536	403.41	565.27	106.34	535	-33.20	458.83	6194.00	-12.08	536	-41.85	-315.94	5983.30	-8.35	537	-50.42	-1159.10	5761.40	-4.70
539	402.51	568.29	106.77	538	-21.60	857.82	6259.80	-7.49	539	-28.69	-328.94	5964.10	-3.78	540	-35.63	-1632.40	5635.30	-0.15

Oyster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
542	401.58	571.31	107.20	541	-11.83	1089.90	6164.70	-4.57	542	-17.20	-343.66	5850.00	-1.15	543	-22.36	-2018.00	5461.80	2.17
545	400.64	574.32	107.63	544	-5.99	1201.90	5943.40	-4.91	545	-8.99	-357.04	5631.20	-0.76	546	-11.68	-2277.50	5219.60	3.08
548	399.67	577.32	108.06	547	-3.37	1225.40	5626.10	-9.64	548	-4.00	-372.21	5314.70	-3.37	549	-4.13	-2371.40	4904.30	0.54
551	398.68	580.32	108.49	550	-8.42	1143.30	5210.60	-16.33	551	-9.83	-384.98	4907.70	-8.98	552	-10.95	-2274.30	4520.70	-2.80
554	397.67	583.31	108.92	553	-14.81	942.47	4688.90	-22.02	554	-16.15	-399.80	4412.90	-15.78	555	-17.30	-1980.00	4083.30	-9.96
557	396.64	586.29	109.35	556	-29.56	545.70	4029.60	-30.32	557	-28.53	-410.58	3834.40	-25.57	558	-27.47	-1481.30	3614.80	-20.95
560	395.58	589.26	109.78	559	-44.77	-189.86	3198.90	-41.18	560	-39.26	-424.42	3189.10	-40.55	561	-33.91	-720.60	3171.70	-39.96
563	394.50	592.23	110.21	562	-63.26	-1416.20	2186.30	-57.49	563	-58.46	-431.97	2516.70	-61.17	564	-54.03	252.71	2821.60	-64.73
566	393.40	595.18	110.64	565	-102.79	-3237.70	1031.80	-74.91	566	-80.45	-444.80	1882.40	-87.06	567	-58.94	1330.40	2662.70	-98.96
569	392.28	598.13	111.07	568	-22.76	-5400.30	-72.10	-104.33	569	-48.67	-459.13	1393.20	-119.08	570	-74.99	2879.60	2765.50	-133.59
572	391.13	601.07	111.50	571	22.62	-6383.60	-583.16	-36.60	572	-27.35	-233.00	1265.60	-29.73	573	-78.27	4612.20	3069.00	-22.46
575	390.73	602.10	111.65	574	-15.67	-5810.10	-443.85	67.33	575	-56.08	37.95	1345.00	68.59	576	-97.67	4969.90	3116.90	70.26
578	390.32	603.12	111.80	577	-35.24	-4869.90	-127.70	71.74	578	-25.77	58.18	1401.00	63.67	579	-17.69	4269.00	2901.50	56.04
581	389.91	604.14	111.95	580	-16.87	-3972.80	216.43	60.66	581	-20.81	42.73	1471.90	58.76	582	-25.79	3619.70	2723.30	57.19
584	389.50	605.16	112.10	583	-23.68	-3178.50	548.24	57.82	584	-24.04	47.96	1574.20	53.86	585	-25.31	2971.20	2592.40	50.19
587	389.08	606.18	112.25	586	-17.35	-2453.00	883.20	51.09	587	-18.93	42.38	1697.50	49.09	588	-21.24	2361.10	2509.50	47.33
590	388.67	607.20	112.40	589	-17.09	-1810.20	1207.30	46.65	590	-18.74	41.56	1837.60	44.48	591	-20.96	1781.40	2463.40	42.51
593	388.24	608.21	112.55	592	-15.46	-1241.10	1520.80	41.17	593	-16.89	38.76	1990.40	40.07	594	-18.76	1245.30	2451.70	39.13
596	387.82	609.23	112.70	595	-11.60	-744.75	1823.00	37.19	596	-15.12	35.56	2151.40	35.87	597	-18.94	755.11	2469.20	34.64
599	387.40	610.24	112.85	598	-15.45	-317.93	2105.40	31.44	599	-12.50	33.75	2319.90	31.67	600	-9.83	310.01	2512.30	32.03
602	386.97	611.26	113.00	601	-7.93	-21.32	2375.90	-2.60	602	-29.69	20.01	2487.60	9.71	603	-41.13	-38.71	2570.80	59.55
605	386.88	611.39	113.02	604	-21.52	276.86	2516.70	-7.25	605	-10.44	39.76	2529.70	4.32	606	-1.38	-308.41	2523.60	51.64
608	386.11	613.20	113.29	607	-7.47	671.42	2941.40	19.41	608	-17.05	24.96	2833.40	20.80	609	-26.56	-792.88	2689.60	22.08
611	385.33	615.01	113.56	610	-14.66	1090.50	3334.20	13.45	611	-11.75	18.77	3121.40	14.67	612	-8.69	-1292.80	2857.70	15.82
614	384.54	616.81	113.83	613	-6.16	1380.40	3675.20	6.54	614	-7.72	10.72	3385.60	9.48	615	-8.99	-1645.30	3038.80	11.95
617	383.74	618.61	114.09	616	-7.00	1564.70	3959.10	1.36	617	-6.01	2.89	3622.60	4.94	618	-6.54	-1868.00	3223.60	7.53
620	382.93	620.41	114.36	619	-3.93	1664.00	4194.30	-4.79	620	-5.94	-6.28	3828.70	0.35	621	-7.59	-1976.80	3402.20	4.47
623	382.11	622.20	114.63	622	-6.23	1688.60	4380.80	-9.82	623	-8.74	-15.43	4001.70	-4.55	624	-10.90	-1987.40	3565.60	0.18
626	381.29	623.98	114.90	625	-8.65	1643.30	4521.50	-14.88	626	-11.63	-25.41	4139.70	-9.45	627	-14.27	-1907.30	3710.20	-4.33
629	380.45	625.77	115.17	628	-11.98	1523.60	4614.00	-19.38	629	-15.34	-35.18	4241.10	-14.35	630	-18.40	-1744.10	3833.10	-9.55
632	379.61	627.55	115.44	631	-15.73	1320.90	4653.60	-23.69	632	-19.21	-45.71	4304.90	-19.32	633	-22.43	-1502.00	3935.60	-15.15
635	378.76	629.32	115.70	634	-20.16	1022.80	4631.20	-28.14	635	-24.11	-55.84	4331.10	-24.52	636	-27.87	-1187.30	4020.40	-21.04
638	377.91	631.09	115.97	637	-23.49	634.37	4543.30	-30.96	638	-28.52	-67.00	4323.50	-28.58	639	-33.41	-822.51	4090.30	-26.29
641	377.04	632.86	116.24	640	-27.40	181.23	4399.40	-31.94	641	-33.52	-76.97	4288.70	-30.46	642	-39.55	-482.09	4142.30	-28.99
644	376.16	634.63	116.51	643	-33.53	-306.23	4220.70	-31.46	644	-40.02	-88.57	4236.80	-31.61	645	-46.47	-294.10	4171.00	-31.74
647	375.28	636.39	116.78	646	-40.44	-826.85	4025.30	-32.37	647	-46.85	-97.61	4178.90	-33.22	648	-53.23	-328.58	4173.30	-33.96

Oyster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
650	374.39	638.14	117.05	649	-27.33	-1167.60	3890.60	-36.84	650	-32.09	-121.05	4124.90	-35.21	651	-36.36	-345.84	4165.90	-33.52
653	373.49	639.89	117.31	652	-41.30	-1096.00	3866.30	-35.49	653	-47.36	-144.30	4084.10	-32.32	654	-53.45	-113.86	4150.70	-29.26
656	372.58	641.64	117.58	655	-34.65	-827.30	3905.80	-29.83	656	-40.37	-153.61	4056.00	-27.08	657	-46.17	119.40	4132.60	-24.41
659	371.67	643.38	117.85	658	-29.19	-597.66	3935.10	-23.95	659	-34.53	-165.25	4032.60	-22.45	660	-39.97	136.04	4102.50	-20.97
662	370.74	645.12	118.12	661	-23.85	-414.02	3937.40	-19.41	662	-28.85	-175.54	4008.00	-18.32	663	-33.96	26.09	4071.30	-17.23
665	369.81	646.85	118.39	664	-18.62	-274.45	3909.80	-14.97	665	-23.78	-187.10	3978.10	-14.66	666	-29.06	-116.59	4041.30	-14.30
668	368.87	648.58	118.66	667	-6.90	-176.29	3864.90	-6.46	668	-13.03	-199.84	3942.90	-5.64	669	-19.26	-238.82	4009.90	-4.77
671	368.80	648.72	118.68	670	-4.23	-117.24	3855.60	-14.06	671	-13.19	-200.13	3940.30	-13.90	672	-22.28	-313.04	4006.00	-13.67
674	357.64	650.82	119.00	673	-12.67	-67.69	3782.60	-6.92	674	-18.09	-211.10	3889.70	-7.51	675	-23.62	-435.85	3967.10	-8.01
677	366.48	652.91	119.33	676	-8.58	4.26	3716.90	-4.31	677	-12.61	-225.38	3837.90	-5.02	678	-16.72	-587.73	3920.90	-5.65
680	365.30	654.99	119.66	679	-4.15	49.29	3664.10	-2.53	680	-8.05	-240.16	3789.90	-3.15	681	-12.01	-698.58	3874.20	-3.79
683	364.11	657.06	119.98	682	-2.76	76.80	3628.90	-3.54	683	-6.01	-254.76	3748.70	-2.06	684	-8.87	-767.28	3828.10	-2.28
686	362.91	659.13	120.31	685	-5.18	86.81	3610.00	-4.34	686	-8.83	-270.15	3715.00	-2.77	687	-12.50	-789.59	3783.50	-1.59
689	361.70	661.19	120.63	688	-9.64	67.53	3603.80	-6.80	689	-13.24	-285.00	3687.40	-4.55	690	-16.88	-761.70	3741.30	-2.46
692	360.47	663.25	120.96	691	-14.57	0.32	3602.00	-9.28	692	-18.09	-300.97	3662.20	-7.37	693	-21.67	-675.49	3702.60	-5.69
695	359.24	665.30	121.29	694	-19.73	-140.37	3592.60	-12.73	695	-23.54	-315.88	3635.60	-11.00	696	-27.42	-528.14	3669.00	-9.28
698	357.99	667.34	121.61	697	-27.36	-371.72	3557.60	-15.93	698	-30.10	-332.37	3603.50	-15.37	699	-32.93	-317.96	3643.40	-14.82
701	356.73	669.37	121.94	700	-28.85	-713.81	3483.10	-20.48	701	-35.85	-346.74	3566.90	-20.58	702	-42.94	-70.41	3627.70	-20.60
704	355.46	671.40	122.26	703	-28.55	-1040.00	3400.20	-13.33	704	-39.02	-350.79	3533.60	-14.01	705	-49.55	61.38	3601.10	-14.62
707	354.17	673.42	122.59	706	-35.46	-1250.70	3347.20	-6.11	707	-42.55	-352.63	3507.30	-7.65	708	-47.68	-96.76	3533.30	-9.03
710	352.88	675.43	122.92	709	-26.78	-1269.80	3352.30	-17.43	710	-27.83	-380.96	3486.70	-15.85	711	-28.70	-316.72	3459.50	-14.21
713	351.57	677.43	123.24	712	-44.42	-974.98	3418.80	-23.19	713	-48.49	-410.34	3471.80	-19.35	714	-52.58	-359.94	3409.60	-15.66
716	350.26	679.43	123.57	715	-36.02	-580.16	3485.60	-21.14	716	-39.33	-425.18	3453.00	-17.78	717	-42.66	-429.30	3378.10	-14.54
719	348.93	681.42	123.89	718	-29.00	-316.52	3482.50	-19.21	719	-31.70	-442.76	3417.80	-16.98	720	-34.43	-601.83	3343.70	-14.81
722	347.59	683.40	124.22	721	-22.62	-187.76	3405.10	-18.53	722	-25.29	-458.94	3360.80	-16.93	723	-28.01	-743.31	3312.60	-15.35
725	346.24	685.37	124.55	724	-15.36	-169.76	3276.00	-16.75	725	-19.12	-476.86	3284.60	-16.11	726	-22.93	-811.02	3283.60	-15.44
728	344.88	687.34	124.87	727	-9.00	-212.57	3129.90	-13.07	728	-13.95	-494.11	3196.90	-12.99	729	-18.97	-835.12	3248.30	-12.85
731	343.50	689.30	125.20	730	-5.09	-260.81	2995.70	-8.53	731	-10.03	-512.47	3107.10	-8.99	732	-15.05	-853.10	3199.40	-9.37
734	342.12	691.25	125.52	733	-2.33	-295.03	2886.90	-5.52	734	-6.68	-530.47	3022.90	-5.76	735	-11.07	-877.38	3139.00	-6.23
737	340.72	693.19	125.85	736	-0.85	-313.35	2806.20	-4.20	737	-4.87	-549.00	2948.90	-3.25	738	-8.28	-903.81	3072.30	-3.73
740	339.32	695.13	126.18	739	-2.60	-320.62	2752.90	-3.42	740	-6.48	-567.60	2886.90	-2.10	741	-10.38	-927.54	3003.30	-1.39
743	337.90	697.05	126.50	742	-5.57	-325.06	2723.70	-3.56	743	-9.26	-586.31	2836.40	-1.91	744	-13.00	-941.97	2934.20	-0.41
746	336.47	698.97	126.83	745	-9.12	-338.68	2713.00	-3.95	746	-12.70	-605.39	2794.80	-2.27	747	-16.32	-938.76	2865.30	-0.92
749	335.03	700.88	127.15	748	-12.77	-376.84	2713.10	-5.47	749	-16.27	-624.09	2758.00	-3.53	750	-19.82	-910.13	2796.30	-1.61
752	333.58	702.79	127.48	751	-17.43	-454.93	2712.70	-7.20	752	-20.80	-643.32	2720.90	-5.70	753	-24.21	-848.64	2725.80	-4.29
755	332.12	704.68	127.81	754	-22.38	-592.51	2699.20	-10.01	755	-25.72	-661.80	2678.50	-8.72	756	-29.11	-752.27	2653.40	-7.41

Oyster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
758	330.65	706.57	128.13	757	-28.62	-804.48	2657.80	-12.81	758	-31.86	-681.24	2626.80	-12.54	759	-35.13	-632.55	2575.90	-12.23
761	329.17	708.44	128.46	760	-35.47	-1110.40	2577.70	-16.97	761	-38.62	-699.25	2564.60	-17.27	762	-41.81	-537.66	2493.90	-17.44
764	327.67	710.31	128.78	763	-21.62	-1363.60	2476.00	-22.55	764	-22.70	-730.54	2493.80	-21.14	765	-23.93	-479.68	2430.00	-19.67
767	326.17	712.17	129.11	766	-30.33	-1388.80	2374.70	-24.60	767	-32.33	-762.51	2417.60	-22.47	768	-34.39	-409.45	2397.10	-20.16
770	324.66	714.02	129.44	769	-23.26	-1353.00	2263.90	-23.84	770	-25.32	-779.83	2339.30	-22.04	771	-27.50	-328.56	2386.50	-20.32
773	323.13	715.87	129.76	772	-21.07	-1442.00	2125.70	-22.50	773	-19.95	-800.61	2263.60	-22.43	774	-19.04	-217.07	2389.10	-22.33
776	321.60	717.70	130.09	775	-4.68	-1665.40	1975.00	-22.78	776	-12.63	-818.70	2198.60	-23.73	777	-20.80	-27.90	2415.00	-24.61
779	320.05	719.53	130.41	778	2.21	-1741.60	1891.60	-7.92	779	-17.95	-818.92	2160.50	-8.62	780	-38.21	50.82	2423.70	-9.16
782	318.50	721.34	130.74	781	-17.05	-1438.80	1931.00	8.61	782	-25.62	-818.42	2149.30	7.88	783	-34.37	-239.48	2363.20	7.26
785	316.93	723.15	131.07	784	-17.70	-1021.30	2022.00	7.01	785	-16.52	-838.58	2151.90	6.70	786	-15.49	-698.69	2275.70	6.43
788	315.35	724.95	131.39	787	-10.93	-707.20	2105.10	4.80	788	-12.41	-860.66	2162.80	5.19	789	-13.93	-1069.30	2212.10	5.55
791	313.77	726.74	131.72	790	-7.88	-485.96	2173.10	2.69	791	-8.68	-882.75	2176.60	3.57	792	-9.43	-1352.30	2169.00	4.29
794	312.17	728.52	132.04	793	-4.39	-344.81	2224.50	-0.18	794	-5.42	-906.38	2187.00	1.83	795	-6.13	-1549.00	2137.90	3.06
797	310.56	730.29	132.37	796	-4.46	-278.00	2255.00	-3.10	797	-5.50	-930.36	2189.60	-0.62	798	-6.34	-1662.50	2112.90	1.37
800	308.94	732.06	132.70	799	-6.72	-282.32	2261.80	-7.08	800	-7.85	-955.17	2181.20	-3.97	801	-8.90	-1694.90	2091.50	-1.08
803	307.32	733.81	133.02	802	-10.25	-361.23	2240.50	-10.30	803	-11.35	-980.66	2159.50	-7.70	804	-12.40	-1645.70	2072.00	-5.45
806	305.68	735.55	133.35	805	-13.96	-523.50	2188.30	-14.84	806	-15.42	-1006.30	2123.80	-12.23	807	-16.86	-1514.60	2056.00	-9.65
809	304.03	737.29	133.66	808	-17.12	-766.57	2107.00	-17.38	809	-20.17	-1032.90	2076.00	-15.99	810	-23.24	-1316.50	2042.40	-14.77
812	302.38	739.01	134.00	811	-19.95	-1062.70	2008.50	-18.12	812	-24.72	-1058.80	2019.60	-17.23	813	-29.52	-1104.90	2024.20	-16.28
815	300.71	740.73	134.33	814	-25.85	-1379.20	1905.90	-16.76	815	-30.92	-1086.20	1959.50	-17.51	816	-36.06	-945.91	1992.30	-18.18
818	299.03	742.44	134.65	817	-32.85	-1722.60	1805.10	-17.71	818	-37.81	-1112.10	1901.10	-18.82	819	-42.83	-886.93	1947.50	-19.67
821	297.35	744.13	134.98	820	-20.27	-1952.80	1729.30	-21.06	821	-23.23	-1150.80	1848.60	-20.16	822	-26.20	-879.22	1903.80	-19.12
824	295.65	745.82	135.31	823	-32.31	-1898.90	1694.50	-20.56	824	-36.77	-1189.10	1805.10	-18.32	825	-41.33	-856.64	1868.90	-16.14
827	293.95	747.50	135.63	826	-25.29	-1711.00	1679.80	-16.02	827	-29.35	-1216.70	1768.90	-14.10	828	-33.55	-879.60	1839.90	-12.30
830	292.23	749.16	135.96	829	-20.38	-1561.00	1661.80	-11.79	830	-23.99	-1245.90	1737.40	-10.76	831	-27.73	-981.65	1808.30	-9.71
833	290.51	750.82	136.28	832	-15.42	-1442.90	1639.70	-8.53	833	-18.86	-1275.60	1708.70	-7.88	834	-22.46	-1119.40	1776.70	-7.17
836	288.77	752.47	136.61	835	-11.30	-1345.10	1616.80	-5.83	836	-14.48	-1305.90	1681.60	-5.35	837	-17.80	-1272.60	1745.90	-4.94
839	287.03	754.11	136.94	838	-7.60	-1257.30	1595.10	-3.63	839	-10.73	-1338.10	1656.00	-3.60	840	-14.03	-1428.70	1714.30	-3.23
842	285.28	755.74	137.26	841	-6.48	-1174.00	1578.50	-2.89	842	-8.72	-1369.40	1632.10	-2.08	843	-11.02	-1587.90	1683.00	-1.91
845	283.52	757.36	137.59	844	0.04	-1099.70	1565.60	-3.41	845	-5.44	-1402.70	1609.00	-3.60	846	-11.46	-1735.60	1649.40	-3.54
848	280.57	760.02	138.13	847	-1.67	-1000.80	1551.10	-4.91	848	-7.14	-1460.70	1574.30	-2.11	849	-12.55	-1950.00	1594.50	-1.70
851	277.60	762.66	138.67	850	-3.04	-845.55	1548.10	-3.27	851	-5.68	-1521.60	1538.60	-2.19	852	-7.91	-2218.80	1526.00	-0.38
854	274.61	765.27	139.21	853	-4.21	-710.48	1539.40	-7.41	854	-6.68	-1582.20	1492.30	-2.29	855	-8.74	-2475.00	1443.90	0.15
857	271.59	767.85	139.75	856	-8.63	-636.88	1503.60	-5.28	857	-10.24	-1646.70	1423.30	-4.04	858	-11.38	-2676.90	1340.40	-1.77
860	268.55	770.40	140.29	859	-18.17	-706.45	1420.10	-13.57	860	-17.98	-1708.10	1320.30	-7.20	861	-17.66	-2771.70	1216.50	-2.52
863	265.48	772.92	140.84	862	-15.00	-885.81	1247.20	-17.41	863	-10.51	-1781.40	1175.80	-14.58	864	-6.31	-2755.10	1097.80	-11.78

yster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
866	262.39	775.41	141.38	865	-32.41	-1161.20	965.23	-27.29	866	-24.12	-1848.90	994.05	-23.94	867	-15.63	-2587.80	1020.10	-22.18
869	259.28	777.88	141.92	868	-31.16	-1813.70	613.77	-27.17	869	-22.60	-1908.60	808.55	-31.49	870	-13.79	-2008.50	1002.50	-35.05
872	256.14	780.31	142.46	871	-24.40	-2834.80	333.94	-27.51	872	-51.47	-1948.50	668.92	-30.34	873	-78.89	-1080.70	1002.90	-31.58
875	252.98	782.72	143.00	874	-98.54	-2755.60	288.16	-103.06	875	-134.91	-1629.40	549.81	-23.36	876	-178.63	-583.10	820.14	-38.76
878	251.48	783.85	143.26	877	-137.46	-1440.90	427.59	-204.69	878	-97.21	-939.83	517.71	-20.04	879	-83.81	-375.45	595.79	-90.35
881	249.98	784.97	143.51	880	-21.25	-847.46	447.77	-80.04	881	-17.22	-676.03	485.09	-27.80	882	-21.41	-265.80	482.40	-31.37
884	247.27	786.96	143.97	883	-6.62	-907.88	498.61	-13.17	884	-7.51	-593.08	512.83	-11.95	885	-9.44	-262.85	522.02	-11.00
887	244.55	788.92	144.43	886	-7.12	-1038.10	472.60	-10.41	887	-9.21	-602.82	556.90	-12.38	888	-12.45	-188.04	572.46	-12.31
890	241.81	790.87	144.89	889	-9.73	-1177.90	161.12	-15.15	890	-10.90	-621.61	473.94	-16.48	891	-13.25	-74.35	603.56	-15.65
893	239.05	792.79	145.34	892	-14.61	-1355.60	-191.36	-17.77	893	-14.64	-634.47	195.34	-21.22	894	-15.87	64.27	536.37	-22.27
896	236.28	794.69	145.80	895	-17.01	-1573.10	-546.84	-23.09	896	-17.70	-646.14	-97.39	-27.90	897	-19.60	175.98	343.19	-30.04
899	233.49	796.57	146.26	898	-32.42	-1858.30	-919.99	-31.20	899	-31.95	-646.67	-389.02	-38.33	900	-32.92	137.52	135.64	-42.36
902	230.69	798.42	146.72	901	-71.88	-2220.90	-1271.60	-79.61	902	-41.30	-636.61	-643.99	-49.32	903	-10.98	-34.17	-28.09	-22.21
905	225.89	801.86	147.52	904	-10.35	-2561.10	-1785.20	-120.88	905	-4.16	-617.61	-1083.90	-44.32	906	-0.20	-229.40	-404.08	-3.18
908	221.39	805.68	148.32	907	11.22	-2655.30	-2166.30	-96.67	908	3.15	-602.73	-1473.20	-21.92	909	1.09	-339.43	-804.17	-12.29
911	217.22	809.87	149.09	910	-14.56	-2449.70	-2363.10	-70.87	911	-7.71	-586.31	-1761.40	-17.28	912	-0.55	-328.29	-1180.40	-18.98
914	213.41	814.38	149.85	913	-29.61	-2073.90	-2400.90	-47.85	914	-18.45	-565.28	-1933.50	-13.06	915	-7.14	-245.05	-1483.10	-18.37
917	209.99	819.19	150.57	916	-31.36	-1652.80	-2320.60	-33.42	917	-19.69	-541.70	-1990.40	-12.31	918	-8.03	-148.47	-1672.50	-12.66
920	206.97	824.26	151.25	919	-24.11	-1298.40	-2168.90	-29.03	920	-14.50	-516.96	-1948.50	-13.65	921	-5.15	-90.22	-1737.30	-6.51
923	204.38	829.57	151.89	922	-23.84	-1030.80	-1967.90	-30.09	923	-15.50	-496.70	-1828.10	-22.58	924	-6.86	-97.18	-1694.40	-15.52
926	202.23	835.08	152.47	925	-22.70	-827.52	-1732.40	-24.29	926	-14.20	-477.02	-1646.80	-18.82	927	-6.45	-155.95	-1565.30	-12.76
929	200.55	840.74	153.01	928	-11.16	-708.64	-1479.10	-25.63	929	-6.06	-455.73	-1420.60	-20.90	930	-2.18	-214.34	-1365.00	-16.85
932	199.34	846.52	153.48	931	-2.89	-660.35	-1213.30	-25.72	932	-2.30	-436.27	-1160.50	-19.69	933	-0.66	-224.02	-1110.80	-14.97
935	198.61	852.38	153.90	934	-6.47	-600.81	-918.14	-20.90	935	-4.03	-421.88	-873.38	-15.75	936	-1.44	-249.79	-829.88	-11.21
938	198.37	858.28	154.25	937	0.16	-519.40	-592.75	-14.49	938	0.12	-428.89	-567.61	-11.63	939	-3.55	-260.36	-517.73	-14.89
941	198.31	858.78	154.28	940	-13.13	-520.85	-566.49	-4.91	941	-6.83	-493.94	-560.85	-30.08	942	-9.95	-249.89	-490.20	-26.78
944	198.32	860.78	154.39	943	-83.53	-869.63	-576.66	-2.89	944	-62.85	-693.96	-522.40	-76.32	945	-69.80	-457.38	-453.43	-71.60
947	198.32	862.78	154.50	946	-112.43	-1747.20	-744.95	-14.25	947	-109.41	-1315.30	-620.18	-47.52	948	-113.75	-1028.50	-536.54	-60.83
950	198.32	863.78	154.55	949	-20.20	-2005.10	-750.51	-1.25	950	-25.14	-1612.20	-643.76	-0.39	951	-30.21	-1309.90	-557.59	-1.11
953	198.32	864.78	154.61	952	-10.30	-1779.40	-646.38	1.52	953	-8.26	-1619.50	-606.44	1.17	954	-6.34	-1469.70	-564.77	2.00
956	198.32	865.78	154.66	955	-8.03	-1622.10	-548.00	1.23	956	-7.84	-1597.90	-549.23	2.40	957	-7.90	-1618.70	-560.12	2.94
959	198.32	866.78	154.71	958	-5.23	-1486.50	-457.47	2.00	959	-4.97	-1594.90	-497.35	2.14	960	-5.02	-1710.70	-536.72	2.76
962	198.32	867.78	154.76	961	-6.40	-1398.30	-386.94	1.32	962	-5.87	-1581.40	-447.21	1.21	963	-5.57	-1777.80	-509.84	0.80
965	198.32	868.83	154.82	964	-6.56	-1340.40	-327.27	-0.42	965	-6.45	-1572.90	-398.91	-1.06	966	-6.46	-1805.40	-470.17	-1.61
968	198.32	869.88	154.87	967	-8.62	-1322.00	-286.65	-2.77	968	-8.52	-1561.60	-355.58	-3.83	969	-8.43	-1803.50	-425.69	-4.92
971	198.32	870.93	154.93	970	-10.37	-1337.70	-261.65	-5.57	971	-10.41	-1551.60	-317.07	-6.67	972	-10.41	-1771.10	-374.54	-7.77

yster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
974	198.32	871.98	154.98	973	-12.40	-1386.90	-251.40	-8.20	974	-12.53	-1541.00	-282.70	-9.47	975	-12.59	-1715.20	-317.95	-10.74
977	198.32	873.03	155.04	976	-14.68	-1467.70	-253.09	-11.08	977	-14.89	-1530.40	-251.05	-12.31	978	-15.01	-1639.50	-254.73	-13.55
980	198.32	874.08	155.09	979	-16.90	-1578.90	-263.92	-13.66	980	-17.19	-1520.10	-220.34	-15.04	981	-17.37	-1551.30	-183.70	-16.42
983	198.32	875.13	155.15	982	-14.36	-1647.10	-253.62	-15.38	983	-14.97	-1508.70	-187.55	-15.15	984	-14.18	-1493.90	-128.62	-14.93
986	198.32	876.18	155.20	985	-13.28	-1586.90	-207.24	-13.64	986	-13.33	-1490.70	-149.92	-12.08	987	-13.32	-1499.30	-98.66	-10.53
989	198.32	877.23	155.25	988	-12.57	-1468.50	-133.95	-12.47	989	-12.70	-1473.70	-109.85	-11.51	990	-12.79	-1541.00	-89.92	-10.54
992	198.32	878.28	155.31	991	-14.69	-1359.30	-61.49	-11.00	992	-15.31	-1462.90	-70.22	-10.29	993	-15.92	-1597.10	-82.36	-9.55
995	198.32	880.55	155.42	994	-14.17	-1243.10	54.23	-7.31	995	-14.52	-1440.30	10.56	-6.58	996	-14.90	-1645.80	-35.50	-5.85
998	198.32	882.81	155.53	997	-8.26	-1161.30	147.65	-4.77	998	-8.65	-1417.40	79.54	-4.19	999	-9.06	-1674.50	9.35	-3.60
1001	198.32	885.08	155.64	1000	-4.25	-1122.30	209.46	-3.01	1001	-4.56	-1394.40	130.63	-2.78	1002	-4.89	-1668.70	49.69	-2.55
1004	198.32	887.34	155.75	1003	-2.42	-1113.90	238.87	-1.92	1004	-2.44	-1371.40	161.30	-2.44	1005	-2.56	-1633.40	80.94	-2.98
1007	198.32	889.61	155.86	1006	-2.64	-1129.10	237.24	-1.80	1007	-2.50	-1348.30	171.73	-2.84	1008	-2.30	-1573.00	100.97	-3.87
1010	198.32	891.88	155.97	1009	-3.27	-1165.80	201.47	-2.62	1010	-3.07	-1325.10	164.14	-3.79	1011	-2.81	-1489.70	111.08	-4.96
1013	198.32	894.14	156.08	1012	-2.67	-1219.40	141.76	-3.17	1013	-3.04	-1302.00	142.72	-4.35	1014	-3.38	-1388.50	113.54	-5.54
1016	198.32	896.41	156.19	1015	-1.51	-1269.60	84.31	-2.52	1016	-2.45	-1278.80	112.13	-3.59	1017	-3.39	-1290.70	107.66	-4.65
1019	198.32	898.67	156.29	1018	-1.22	-1296.20	39.94	-1.46	1019	-2.06	-1255.70	77.26	-2.36	1020	-2.92	-1216.80	92.94	-3.28
1022	198.32	900.94	156.40	1021	-1.26	-1299.00	10.26	-0.74	1022	-1.73	-1232.70	46.66	-1.55	1023	-2.25	-1167.10	72.54	-2.37
1025	198.32	903.20	156.50	1024	-0.97	-1285.20	-7.47	-0.42	1025	-1.24	-1209.70	23.91	-1.04	1026	-1.55	-1134.50	50.78	-1.67
1028	198.32	905.47	156.61	1027	-0.69	-1259.50	-16.73	-0.32	1028	-0.79	-1186.70	8.32	-0.77	1029	-0.93	-1114.00	31.42	-1.23
1031	198.32	907.73	156.71	1030	-0.60	-1227.90	-21.24	-0.30	1031	-0.59	-1163.80	-2.27	-0.69	1032	-0.63	-1099.80	15.93	-1.08
1034	198.32	910.00	156.81	1033	-0.37	-1193.60	-25.13	-0.44	1034	-0.31	-1140.90	-10.28	-0.71	1035	-0.27	-1088.20	4.23	-0.98
1037	198.32	912.27	156.91	1036	-0.21	-1158.20	-27.27	-0.63	1037	-0.11	-1118.00	-15.82	-0.80	1038	-0.03	-1077.80	-4.55	-0.97
1040	198.32	914.53	157.01	1039	-0.18	-1124.10	-27.18	-0.73	1040	-0.08	-1095.20	-18.89	-0.92	1041	0.02	-1066.20	-10.70	-1.11
1043	198.32	916.80	157.11	1042	-0.20	-1092.10	-25.63	-0.90	1043	-0.10	-1072.30	-20.03	-1.04	1044	0.01	-1052.60	-14.48	-1.18
1046	198.32	919.06	157.21	1045	-0.26	-1061.50	-23.22	-1.05	1046	-0.17	-1049.50	-19.83	-1.15	1047	-0.09	-1037.50	-16.48	-1.25
1049	198.32	921.33	157.31	1048	-0.15	-1033.20	-20.59	-1.09	1049	-0.08	-1026.70	-18.83	-1.24	1050	-0.02	-1020.20	-17.08	-1.40
1052	198.32	923.59	157.41	1051	-0.18	-1007.00	-18.10	-1.18	1052	-0.13	-1003.90	-17.41	-1.32	1053	-0.08	-1000.80	-16.74	-1.45
1055	198.32	925.86	157.50	1054	-0.21	-981.72	-15.79	-1.26	1055	-0.18	-981.18	-15.84	-1.37	1056	-0.14	-980.64	-15.90	-1.48
1058	198.32	928.13	157.60	1057	-0.10	-957.75	-13.85	-1.24	1058	-0.07	-958.46	-14.29	-1.40	1059	-0.06	-959.18	-14.74	-1.57
1061	198.32	930.39	157.69	1060	-0.11	-934.77	-12.28	-1.28	1061	-0.10	-935.78	-12.87	-1.42	1062	-0.09	-936.80	-13.46	-1.57
1064	198.32	932.66	157.79	1063	-0.15	-911.60	-10.92	-1.31	1064	-0.15	-913.14	-11.60	-1.43	1065	-0.15	-914.68	-12.29	-1.55
1067	198.32	934.92	157.88	1066	-0.05	-888.72	-9.79	-1.26	1067	-0.05	-890.55	-10.52	-1.42	1068	-0.06	-892.38	-11.24	-1.59
1070	198.32	937.19	157.97	1069	-0.09	-865.92	-8.85	-1.27	1070	-0.10	-868.08	-9.62	-1.41	1071	-0.11	-870.09	-10.40	-1.56
1073	198.32	939.45	158.06	1072	-0.15	-842.25	-7.97	-1.28	1073	-0.17	-845.52	-8.92	-1.40	1074	-0.19	-848.80	-9.90	-1.51
1076	198.32	941.72	158.16	1075	-0.08	-818.24	-7.22	-1.23	1076	-0.10	-823.11	-8.47	-1.37	1077	-0.11	-827.98	-9.78	-1.52
1079	198.32	943.98	158.25	1078	-0.16	-793.80	-6.63	-1.24	1079	-0.18	-800.77	-8.34	-1.35	1080	-0.19	-807.74	-10.15	-1.46

Oyster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1082	198.32	946.25	158.34	1081	-0.22	-768.36	-6.28	-1.24	1082	-0.24	-778.54	-8.65	-1.33	1083	-0.26	-788.72	-11.23	-1.41
1085	198.32	948.25	158.41	1084	-0.16	-745.34	-6.25	-1.20	1085	-0.17	-758.94	-9.43	-1.31	1086	-0.17	-772.56	-12.92	-1.42
1088	198.32	950.25	158.49	1087	-0.11	-722.99	-6.82	-1.15	1088	-0.11	-739.46	-10.90	-1.30	1089	-0.11	-755.94	-15.32	-1.45
1091	198.32	952.25	158.57	1090	-0.14	-700.90	-8.23	-1.17	1091	-0.13	-720.07	-13.28	-1.30	1092	-0.12	-739.25	-18.64	-1.44
1094	198.32	954.25	158.65	1093	-0.19	-678.97	-10.81	-1.18	1094	-0.15	-700.79	-16.80	-1.32	1095	-0.11	-722.63	-23.06	-1.46
1097	198.32	956.25	158.72	1096	-0.12	-658.51	-15.07	-1.13	1097	-0.08	-681.73	-21.71	-1.36	1098	-0.06	-704.93	-28.51	-1.60
1100	198.32	957.20	158.76	1099	-0.15	-649.59	-17.82	-1.12	1100	-0.13	-672.52	-24.52	-1.40	1101	-0.10	-695.51	-31.36	-1.67
1103	198.32	958.16	158.79	1102	-0.17	-641.76	-21.18	-1.10	1103	-0.15	-663.51	-27.66	-1.43	1104	-0.13	-685.18	-34.20	-1.78
1106	198.32	959.11	158.83	1105	-0.30	-635.08	-25.25	-1.09	1106	-0.28	-654.41	-31.13	-1.50	1107	-0.25	-674.03	-37.16	-1.87
1109	198.32	960.06	158.87	1108	-0.26	-629.28	-29.78	-1.07	1109	-0.23	-645.63	-34.87	-1.53	1110	-0.19	-661.51	-39.88	-2.06
1112	198.32	961.01	158.90	1111	-0.59	-625.43	-35.32	-1.10	1112	-0.56	-636.29	-38.89	-1.66	1113	-0.53	-648.33	-42.85	-2.09
1115	198.32	961.97	158.94	1114	-0.18	-621.58	-40.68	-1.10	1115	-0.12	-628.25	-43.05	-1.64	1116	-0.07	-632.74	-44.89	-2.46
1118	198.32	962.92	158.97	1117	-1.05	-621.42	-47.95	-1.35	1118	-1.02	-617.71	-47.30	-1.97	1119	-1.00	-618.65	-48.13	-2.08
1121	198.32	963.87	159.01	1120	-0.21	-617.96	-53.29	-1.26	1121	-0.09	-612.22	-51.97	-1.98	1122	0.02	-597.98	-48.36	-3.41
1124	198.32	964.82	159.04	1123	0.33	-625.53	-62.12	-3.24	1124	-0.01	-597.57	-54.50	-3.08	1125	-0.47	-584.82	-51.64	-2.27
1127	198.32	965.78	159.08	1126	-15.60	-683.84	-90.45	-21.70	1127	-13.62	-533.94	-46.68	-10.90	1128	-11.34	-619.49	-72.58	4.22
1130	198.32	965.88	159.08	1129	-0.17	-746.54	-102.07	-31.69	1130	-16.99	-522.65	-40.26	-16.91	1131	-30.86	-306.60	-29.56	0.51
1133	198.32	966.25	159.10	1132	1.67	-773.27	-106.18	-15.01	1133	-10.74	-551.23	-48.00	-19.54	1134	-20.49	-128.76	5.78	-12.34
1136	198.32	966.63	159.11	1135	1.41	-783.94	-112.87	-2.89	1136	3.87	-523.06	-32.52	-15.84	1137	13.04	-267.32	-9.27	-21.66
1139	198.32	966.73	159.11	1138	-8.05	-740.69	-105.66	-1.11	1139	-7.44	-532.20	-44.28	-4.74	1140	-7.23	-522.71	-40.78	-12.97
1142	198.32	967.73	159.15	1141	-1.17	-668.20	-83.67	-0.77	1142	-1.36	-569.53	-54.99	-0.76	1143	-1.47	-485.27	-31.68	-1.46
1145	198.32	968.73	159.19	1144	-0.31	-633.08	-74.22	-0.91	1145	-0.16	-566.04	-54.58	-0.73	1146	-0.05	-492.14	-34.14	0.07
1148	198.32	969.73	159.22	1147	-1.38	-608.64	-67.87	-0.85	1148	-1.32	-554.32	-51.99	-0.44	1149	-1.28	-505.15	-38.53	-0.40
1151	198.32	970.73	159.26	1150	-0.48	-581.95	-59.27	-0.94	1151	-0.40	-547.22	-49.05	-0.65	1152	-0.33	-511.53	-39.48	-0.14
1154	198.32	971.73	159.30	1153	-0.88	-559.71	-52.38	-0.98	1154	-0.81	-537.87	-45.81	-0.66	1155	-0.76	-518.34	-40.80	-0.47
1157	198.32	972.73	159.33	1156	-0.51	-538.22	-45.41	-1.03	1157	-0.45	-529.84	-42.54	-0.81	1158	-0.39	-522.20	-40.81	-0.51
1160	198.32	973.73	159.37	1159	-0.68	-519.10	-39.75	-1.15	1160	-0.64	-521.34	-39.52	-0.87	1161	-0.60	-525.09	-40.75	-0.67
1163	198.32	974.73	159.40	1162	-0.43	-501.32	-35.07	-1.12	1163	-0.36	-513.27	-36.96	-1.01	1164	-0.29	-526.30	-40.30	-0.79
1166	198.32	975.73	159.44	1165	-0.67	-485.11	-32.04	-1.42	1166	-0.69	-505.25	-35.00	-1.04	1167	-0.73	-526.43	-39.91	-0.84
1169	198.32	976.73	159.47	1168	-0.93	-468.17	-30.27	-1.49	1169	-0.81	-497.34	-33.65	-1.14	1170	-0.70	-527.37	-39.56	-0.89
1172	198.32	978.93	159.55	1171	-1.58	-441.38	-30.83	-1.71	1172	-1.56	-480.94	-32.96	-1.29	1173	-1.55	-521.85	-38.70	-0.95
1175	198.32	981.13	159.63	1174	-2.42	-420.38	-35.29	-1.84	1175	-2.32	-465.52	-34.62	-1.53	1176	-2.22	-515.52	-38.78	-1.06
1178	198.32	983.33	159.71	1177	-1.45	-411.89	-41.92	-2.33	1178	-1.44	-451.64	-36.58	-1.65	1179	-1.43	-506.61	-38.26	-1.17
1181	198.32	985.53	159.78	1180	-5.70	-404.78	-47.60	-4.33	1181	-6.03	-420.52	-35.31	-2.93	1182	-6.35	-478.62	-35.53	-2.25
1184	198.32	987.73	159.86	1183	-11.12	-433.02	-58.08	-5.27	1184	-11.10	-391.47	-33.70	-4.33	1185	-11.08	-461.44	-41.09	-3.61
1187	198.32	989.94	159.93	1186	-4.90	-477.34	-64.05	-4.17	1187	-4.43	-383.79	-35.49	-4.19	1188	-3.90	-459.17	-57.30	-3.88

yster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1190	198.32	992.14	160.01	1189	-6.14	-458.44	-69.95	-3.32	1190	-6.14	-381.79	-36.40	-3.07	1191	-6.13	-4[illegible]2	-35.86	-2.82
1193	198.32	994.34	160.08	1192	-4.99	-415.51	-60.11	-2.42	1193	-5.06	-379.86	-36.13	-2.49	1194	-5.11	-4[illegible].64	-24.48	-2.55
1196	198.32	996.54	160.16	1195	-3.77	-383.97	-47.42	-1.97	1196	-3.81	-377.93	-33.04	-1.90	1197	-3.85	-404.67	-23.21	-1.83
1199	198.32	998.74	160.23	1198	-2.83	-363.89	-34.79	-1.34	1199	-2.88	-375.97	-27.87	-1.35	1200	-2.93	-399.30	-23.28	-1.35
1202	198.32	1000.94	160.30	1201	-1.86	-352.69	-23.36	-0.92	1202	-1.89	-374.03	-21.90	-0.8[illegible]	1203	-1.94	-397.77	-22.09	-0.85
1205	198.32	1003.15	160.37	1204	-1.23	-346.93	-14.49	-0.51	1205	-1.25	-372.06	-16.32	-0.51	1206	-1.29	-397.55	-19.96	-0.50
1208	198.32	1005.35	160.45	1207	-0.68	-344.04	-8.90	-0.27	1208	-0.68	-370.10	-12.01	-0.25	1209	-0.70	-396.89	-17.65	-0.24
1211	198.32	1007.55	160.52	1210	-0.52	-343.01	-7.31	-0.07	1211	-0.50	-368.13	-9.72	-0.13	1212	-0.48	-394.71	-15.99	-0.17
1214	198.32	1009.75	160.59	1213	-0.25	-342.61	-9.05	-0.02	1214	-0.25	-366.29	-10.01	-0.10	1215	-0.23	-391.72	-15.65	-0.18
1217	198.32	1010.70	160.62	1216	-0.25	-342.75	-10.20	-0.05	1217	-0.22	-365.29	-10.94	-0.12	1218	-0.20	-389.64	-16.08	-0.20
1220	198.32	1011.66	160.65	1219	-0.16	-342.94	-11.63	-0.08	1220	-0.16	-364.47	-12.32	-0.16	1221	-0.15	-387.58	-16.78	-0.24
1223	198.32	1012.61	160.68	1222	-0.27	-343.46	-13.37	-0.14	1223	-0.25	-363.56	-14.08	-0.21	1224	-0.23	-385.29	-17.93	-0.27
1226	198.32	1013.56	160.71	1225	-0.18	-344.17	-15.21	-0.17	1226	-0.16	-362.83	-16.13	-0.26	1227	-0.14	-382.44	-19.34	-0.36
1229	198.32	1014.51	160.74	1228	-0.40	-345.72	-17.47	-0.31	1229	-0.38	-361.73	-18.44	-0.33	1230	-0.35	-379.47	-21.25	-0.35
1232	198.32	1015.47	160.77	1231	-0.07	-347.08	-19.69	-0.25	1232	-0.04	-361.40	-20.93	-0.41	1233	0.00	-375.16	-23.00	-0.59
1235	198.32	1016.42	160.80	1234	-0.75	-350.96	-22.95	-0.71	1235	-0.73	-359.51	-23.57	-0.56	1236	-0.71	-371.45	-25.52	-0.40
1238	198.32	1017.37	160.83	1237	-0.15	-353.21	-25.58	-0.43	1238	-0.02	-360.67	-26.57	-0.78	1239	0.12	-363.31	-26.74	-1.23
1241	198.32	1018.32	160.86	1240	0.50	-362.17	-30.14	-1.82	1241	0.17	-356.23	-28.56	-1.26	1242	-0.15	-359.67	-29.46	-0.67
1244	198.32	1019.28	160.89	1243	-10.41	-403.02	-47.09	-14.74	1244	-9.06	-320.79	-26.00	-4.61	1245	-7.70	-386.55	-41.94	5.86
1247	198.32	1019.38	160.[illegible]	1246	0.96	-444.38	-54.54	-21.94	1247	-10.87	-314.30	-24.27	-8.65	1248	-22.84	-190.36	-15.67	2.87
1250	198.32	1019.75	160.90	1249	4.64	-467.33	-59.67	-10.13	1250	-4.55	-334.15	-28.09	-12.66	1251	-12.30	-78.55	7.29	-7.33
1253	198.32	1020.13	160.91	1252	2.73	-480.49	-66.32	0.28	1253	8.89	-319.26	-21.27	-9.72	1254	20.14	-159.99	3.88	-12.60
1256	198.32	1020.23	160.92	1255	-4.13	-457.22	-63.23	1.91	1256	-3.89	-325.22	-27.99	-1.87	1257	-3.72	-310.74	-21.89	-5.98
1259	198.32	1021.23	160.95	1258	-0.61	-418.61	-52.53	0.75	1259	-0.68	-351.63	-34.00	0.27	1260	-0.78	-293.30	-18.84	-0.22
1262	198.32	1022.23	160.98	1261	0.16	-401.80	-47.68	0.27	1262	0.26	-354.05	-34.39	0.48	1263	0.35	-301.70	-20.96	0.77
1265	198.32	1023.23	161.01	1264	-0.72	-391.46	-44.57	0.56	1265	-0.67	-351.36	-33.61	0.55	1266	-0.63	-313.88	-23.81	0.49
1268	198.32	1024.23	161.04	1267	-0.09	-379.72	-40.13	0.38	1268	-0.02	-351.43	-32.45	0.47	1269	0.04	-321.93	-24.85	0.58
1271	198.32	1025.23	161.07	1270	-0.40	-370.67	-36.50	0.34	1271	-0.35	-350.07	-30.98	0.40	1272	[illegible]30	-330.16	-25.81	0.45
1274	198.32	1026.23	161.10	1273	-0.20	-362.08	-32.71	0.24	1274	-0.14	-349.43	-29.31	0.32	1275	-0.09	-[illegible]28.51	-25.92	0.39
1277	198.32	1027.23	161.13	1276	-0.27	-354.89	-29.39	0.17	1277	-0.22	-348.45	-27.55	0.24	1278	-0.19	-342.[illegible]2	-25.76	0.31
1280	198.32	10[illegible]8.23	161.16	1279	-0.22	-348.52	-26.35	0.11	1280	-0.17	-347.59	-25.77	0.17	1281	-0.11	-346.70	-25.20	0.23
1283	198.32	1029.23	161.19	1282	-0.16	-342.93	-23.69	0.01	1283	-0.17	-346.76	-24.04	0.10	1284	-0.18	-350.42	-24.46	0.18
1286	198.32	1033.23	161.22	1285	-0.25	-337.93	-21.21	0.02	1286	-0.13	-345.75	-22.36	0.05	1287	0.00	-353.38	-23.61	0.[illegible]5
1289	198.32	10[illegible].65	161.29	1288	-0.12	-333.07	-17.13	-0.02	1289	-0.06	-343.73	-18.95	-0.01	1290	-0.01	-354.31	-20.88	-0.03
1292	198.32	1035.08	161.36	1291	-0.16	-329.38	-14.22	-0.10	1292	-0.09	-341.54	-16.28	-0.11	1293	-0.03	-353.82	-18.42	-0.10
1295	198.32	1037.51	161.44	1294	-0.11	-326.67	-12.54	-0.17	1295	-0.11	-339.46	-14.35	-0.15	1296	-0.10	-352.13	-16.27	-0.20

ster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1298	198.32	1039.94	161.51	1297	-0.16	-324.74	-11.68	-0.20	1298	-0.19	-337.24	-13.01	-0.22	1299	-0.22	-349.95	-14.39	-0.20
1301	198.32	1042.36	161.58	1300	-0.26	-321.93	-11.55	-0.29	1301	-0.27	-335.22	-12.10	-0.24	1302	-0.27	-348.29	-12.81	-0.22
1304	198.32	1044.79	161.65	1303	-0.64	-317.68	-11.22	-0.36	1304	-0.78	-330.71	-11.45	-0.31	1305	-0.91	-343.80	-11.75	-0.36
1307	198.32	1047.22	161.72	1306	-0.58	-316.27	-10.01	-0.21	1307	-0.60	-326.21	-10.83	-0.25	1308	-0.62	-336.45	-[illegible].65	-0.33
1310	198.32	1049.65	161.78	1309	-0.34	-317.36	-8.57	-0.15	1310	-0.34	-324.20	-10.39	-0.19	1311	-0.34	-330.87	-12.27	-0.19
1313	198.32	1052.07	161.85	1312	-0.28	-316.90	-7.75	-0.12	1313	-0.28	-322.00	-10.50	-0.12	1314	-0.28	-327.29	-13.23	-0.18
1316	198.32	1054.50	161.92	1315	-0.18	-315.36	-8.07	-0.13	1316	-0.17	-320.00	-11.48	-0.14	1317	-0.15	-325.02	-14.84	-0.15
1319	198.32	1055.47	161.95	1318	-0.15	-314.35	-8.31	-0.18	1319	-0.15	-318.97	-12.06	-0.15	1320	-0.15	-324.21	-15.76	-0.18
1322	198.32	1056.43	161.97	1321	-0.13	-313.23	-8.91	-0.14	1322	-0.13	-318.30	-12.84	-0.17	1323	-0.11	-323.40	-16.82	-0.16
1325	198.32	1057.40	162.00	1324	-0.29	-313.21	-9.58	-0.27	1325	-0.25	-317.34	-13.82	-0.26	1326	-0.21	-322.10	-18.08	-0.27
1328	198.32	1058.36	162.03	1327	-0.26	-314.57	-10.35	-0.27	1328	-0.25	-316.64	-14.98	-0.36	1329	-0.23	-318.90	-19.60	-0.46
1331	198.32	1059.33	162.05	1330	-0.42	-317.21	-11.47	-0.35	1331	-0.41	-315.57	-16.36	-0.38	1332	-0.2[illegible]	-315.19	-21.48	-0.42
1334	198.32	1060.29	162.08	1333	-0.10	-319.37	-12.71	-0.25	1334	-0.07	-315.17	-17.96	-0.41	1335	-0.[illegible]	-310.64	-23.26	-0.57
1337	198.32	1061.26	162.11	1336	-0.60	-323.06	-14.88	-0.55	1337	-0.61	-313.47	-19.78	-0.47	1338	-0.62	-307.20	-25.65	-0.35
1340	198.32	1062.22	162.13	1339	-0.09	-324.59	-16.53	-0.27	1340	0.04	-314.26	-22.03	-0.56	1341	0.17	-300.95	-27.35	-0.93
1343	198.32	1063.19	162.16	1342	0.78	-330.82	-19.47	-1.35	1343	0.45	-310.57	-23.68	-0.87	1344	0.12	-298.99	-30.17	-0.37
1346	198.32	1064.15	162.19	1345	-9.64	-364.38	-32.89	-13.04	1346	-8.32	-280.39	-22.55	-3.35	1347	-7.01	-322.99	-39.69	6.65
1349	198.32	1064.25	162.19	1348	2.10	-391.72	-36.22	-19.69	1349	-12.09	-281.86	-23.86	-7.63	1350	-33.30	-155.21	-17.94	3.30
1352	198.32	1064.50	162.19	1351	8.99	-399.28	-35.15	-8.33	1352	4.69	-306.75	-24.79	-10.78	1353	-1.63	-61.40	5.73	-6.09
1355	198.32	1064.75	162.20	1354	1.93	-411.14	-42.78	1.47	1355	10.43	-287.62	-20.54	-7.12	1356	26.52	-136.40	1.37	-10.11
1358	198.32	1064.85	162.20	1357	-2.98	-397.73	-41.59	2.41	1358	-2.96	-284.95	-24.40	-1.13	1359	-2.98	-271.37	-28.43	-4.96
1361	198.32	1065.85	162.23	1360	-0.55	-367.44	-35.46	0.67	1361	-0.58	-306.79	-30.28	0.22	1362	-0.62	-254.76	-27.74	-[illegible].24
1364	198.32	1066.85	162.26	1363	0.23	-354.80	-34.46	0.10	1364	0.29	-308.75	-32.55	0.33	1365	0.34	-259.88	-30.59	0.63
1367	198.32	1067.85	162.28	1366	-0.72	-346.72	-35.41	0.33	1367	-0.63	-306.35	-34.45	0.31	1368	-0.66	-269.10	-34.29	0.27
1370	198.32	1068.85	162.31	1369	-0.19	-336.45	-35.99	0.07	1370	-0.14	-306.30	-36.41	0.18	1371	-0.11	-275.79	-36.82	0.30
1373	198.32	1069.85	162.34	1372	-0.63	-327.40	-37.65	-0.02	1373	-0.60	-305.03	-38.44	0.04	1374	-0.57	-283.69	-39.45	0.10
1376	198.32	1070.85	162.36	1375	-0.49	-317.56	-39.56	-0.18	1376	-0.46	-304.39	-40.52	-0.13	1377	-0.43	-291.14	-41.39	-0.07
1379	198.32	1071.85	162.39	1378	-0.83	-307.74	-42.38	-0.41	1379	-0.80	-303.42	-42.70	-0.30	1380	-0.79	-299.33	-43.21	-0.18
1382	198.32	1072.85	162.42	1381	-0.72	-297.31	-45.33	-0.46	1382	-0.68	-302.65	-44.91	-0.49	1383	-0.65	-307.96	-44.15	-0.52
1385	198.32	1073.85	162.44	1384	-1.09	-286.47	-49.54	-0.96	1385	-1.13	-301.75	-47.04	-0.70	1386	-1.16	-317.62	-45.17	-0.45
1388	198.32	1074.85	162.47	1387	-1.98	-273.33	-54.24	-0.96	1388	-1.90	-300.80	-49.09	-0.78	1389	-1.82	-330.79	-44.39	-0.58
1391	198.32	1077.07	162.53	1390	-2.02	-257.57	-62.96	-1.28	1391	-2.01	-299.13	-52.75	-1.14	1392	-2.01	-351.78	-42.84	-1.00
1394	198.32	1079.28	162.59	1393	-2.00	-235.04	-64.89	-2.15	1394	-1.97	-284.59	-52.28	-1.69	1395	-1.81	-353.51	-39.66	-1.25
1397	198.32	1081.50	162.64	1396	-3.88	-221.57	-56.53	-1.06	1397	-3.91	-270.07	-48.68	-1.12	1398	-3.94	-331.28	-40.57	-1.18
1400	198.32	1083.71	162.70	1399	-1.71	-224.22	-45.33	-0.57	1400	-1.70	-268.25	-44.78	-0.64	1401	-1.70	-314.94	-44.49	-0.70
1403	198.32	1085.93	162.76	1402	-1.08	-225.06	-36.36	-0.27	1403	-1.06	-266.41	-41.26	-0.28	1404	-1.05	-308.06	-46.13	-0.31

Oyster Creek Drywell with Sand - Load Combination Case VI (Post Accident Condition)

Node	X (inch)	Y (inch)	Theta (degrees)	Outside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Middle Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)	Inside Nodes Node	Radial SX (psi)	Meridional SY (psi)	Hoop SZ (psi)	SXY (psi)
1406	198.32	1088.14	162.81	1405	-0.90	-224.40	-30.57	-0.11	1406	-0.84	-264.58	-38.85	-0.28	1407	-0.78	-305.13	-47.49	-0.37
1409	198.32	1090.36	162.87	1408	-0.86	-226.40	-27.52	-0.20	1409	-0.74	-262.76	-38.54	-0.27	1410	-0.62	-299.96	-49.73	-0.34
1412	198.32	1092.57	162.92	1411	-0.74	-231.08	-29.16	-0.28	1412	-0.47	-260.92	-41.21	-0.34	1413	-0.21	-291.93	-53.45	-0.40
1415	198.32	1094.79	162.98	1414	-0.44	-239.31	-37.42	-0.58	1415	-0.29	-259.09	-47.95	-0.62	1416	-0.15	-280.07	-58.53	-0.67
1418	198.32	1097.00	163.03	1417	-0.62	-251.50	-54.95	-1.09	1418	-0.28	-257.39	-60.22	-1.13	1419	0.07	-264.31	-66.22	-1.18
1421	198.32	1098.00	163.06	1420	-0.12	-264.66	-67.13	-1.39	1421	-0.16	-256.41	-67.51	-1.43	1422	-0.21	-249.15	-68.91	-1.47
1424	198.32	1099.00	163.08	1423	-0.45	-278.58	-80.19	-1.70	1424	-0.24	-255.61	-75.44	-1.77	1425	-0.05	-233.47	-71.80	-1.84
1427	198.32	1100.00	163.11	1426	-0.73	-297.30	-94.63	-2.38	1427	-0.57	-254.72	-83.55	-2.43	1428	-0.42	-213.14	-73.77	-2.48
1430	198.32	1101.00	163.13	1429	-1.04	-322.31	-110.36	-3.03	1430	-0.83	-254.00	-91.38	-3.13	1431	-0.65	-186.18	-73.85	-3.23
1433	198.32	1102.00	163.15	1432	-1.27	-353.25	-127.17	-3.58	1433	-1.06	-252.92	-98.44	-3.61	1434	-0.92	-154.04	-71.88	-3.63
1436	198.32	1103.00	163.18	1435	-1.13	-388.12	-143.66	-3.94	1436	-0.82	-252.54	-104.22	-4.12	1437	-0.56	-116.68	-67.11	-4.29
1439	198.32	1104.00	163.20	1438	-1.43	-429.19	-160.28	-4.77	1439	-1.46	-250.8[illegible]	-108.11	-4.65	1440	-1.54	-76.15	-60.38	-4.53
1442	198.32	1105.00	163.23	1441	-2.14	-473.02	-175.44	-4.75	1442	-0.92	-251.[illegible]3	-109.89	-5.20	1443	0.22	-30.64	-49.47	-5.65
1445	198.32	1106.00	163.25	1444	2.08	-525.53	-187.56	-6.33	1445	-0.82	-24[illegible].00	-107.14	-5.75	1446	-3.78	7.50	-38.78	-5.17
1448	198.32	1107.00	163.28	1447	-13.59	-462.74	-167.79	-25.87	1448	-9.90	-235.93	-100.94	-2.71	1449	-9.65	-38.26	-48.50	6.93
1451	198.47	1108.25	163.29	1450	-12.83	-220.78	-86.67	-30.67	1451	-1.47	-172.06	-69.04	-2.03	1452	2.38	-101.52	-52.21	11.50
1454	198.63	1109.50	163.31	1453	-2.74	-93.70	-41.32	-8.93	1454	0.92	-133.38	-49.13	-6.14	1455	4.07	-149.79	-52.22	3.07
					1	1	1	1		2	5	131	2					
					-14469.00	-51869.00	-19993.00	1035.80		-6134.40	-14473.00	13681.00	883.07					

APPENDIX E

COMPARISON OF FDSAR AND SRP LOAD COMBINATIONS

E.1 General

In this Appendix, the load combinations (Tables 2-4 and 5-1) used in the drywell Code stress analysis are compared with those specified in the Standard Review Plan (SRP) document [E-1]. The load combinations shown in Tables 2-4 and 5-1 are based on those given in the Final Design Safety Analysis Report (FDSAR). The objective is to assure that the load combinations used in this Code stress analysis envelope those given in Reference E-1. Also, Reference E-1 was reviewed to develop justification for the allowable stress limits used for the post-accident condition (Table 2-3).

E.2 Comparison with SRP Load Combinations

Section II.3 of Reference E-1 discusses the loads and loading combinations appropriate for use in the Code stress analysis of steel containments. Reference E-1 divides the various loading combinations in three broad categories: Testing, Design and Service. The loading combinations under Service conditions correspond to and include Level A service limits, Level B service limits, Level C service limits, Level D service limits and the post-flooding condition.

The stress limits for the various service conditions are given in Table 3.8.2-1 of Reference E-1 and are repeated here as Table E-1. A review of Table E-1 shows that the primary stress limits for the Design Condition and the Service Levels A & B are the same. Also, the DBA condition has to meet the Service Level B stress limits.

For the design conditions, Reference E-1 includes the following loading combination:

$$D + L + P_a + T_a + R_a \qquad \text{(E-1)}$$

Where,

D = Dead Loads
L = Live loads

P_a = Pressure load generated by the postulated pipe break accident

T_a = Thermal loads under thermal conditions generated by the postulated pipe break accident

R_a = Pipe reactions under thermal conditions generated by the postulated pipe break accident

The most limiting load combination specified under the Service Level A conditions is essentially the same as the preceding one. Under Service Level B, the following is the most limiting load combination:

$$D + L + P_a + T_a + R_a + E \qquad (E\text{-}2)$$

Where, E = Loads generated by operating basis earthquake (DBE in the terminology of this report)

The above load combination is the same as that for the design condition except that it includes the earthquake loading. Using the preceding load terminology, the accident condition load combination (Accident Condition -1 in Table 5-1) specified in this report corresponds to the following:

$$D + L + P_a + T_a + 2E \qquad (E\text{-}3)$$

A comparison of the load combinations in (E-2) and (E-3) shows that the latter does not include the R_a term but includes the earthquake loading that is two times that in (E-2). The pipe reaction loads act on the drywell through the vent pipe penetration but are significant only in terms of the local stresses they produce in the drywell near the vent penetration. The local stresses in the drywell from the pipe reaction loads were evaluated in References E-2 and E-3, and were found to be within allowable limits.

Based on the preceding comparison it is concluded that the DBA load combination used in this report envelopes the corresponding load combinations given in Reference E-1.

E.3 Allowable Stress Limits for Post-Accident Condition

The bottom most row in Table E-1 shows the allowable stress limits for the post-accident (Post-flooding condition in the Reference E-1 terminology). These limits are essentially the same as those for the Level C Service conditions except that the primary plus secondary stresses are limited to $3S_{mi}$. These same stress limits were adopted in this report and their values are shown in Table 2-3.

E.4 References

E-1 Nuclear Regulatory Commission Standard Review Plan, Section 3.8.2, Steel Containment, Rev. 1, July 1981.

E-2 "Oyster Creek Nuclear Generating Station Mark I Containment Long-Term Program - Analysis of Vent Line/ Drywell Intersection," MPR Associates Report # MPR-714 to GPUN, July 1982.

E-3 GPUN Specification SP-1302-53-044, Technical Specification for Primary Containment Analysis - Oyster Creek Nuclear Generating Station; Rev. 2, October 1990.

TABLE E-1

Stress Intensity Limits For Steel Containments

SECTION III.3.6 Load Categories		Primary Stresses: Gen. Mem. P_m	Primary Stresses: Local Mem. P_l	Primary Stresses: Bending & Local Mem. $P_b + P_l$ (6)	Primary & Secondary Stresses $P_l + P_b + Q$	Peak Stresses $P_l + P_b + Q + F$	Buckling
Testing Condition	Pneumatic	$0.9S_y$	$1.35S_y$	$1.35S_y$	N/A(2)	Consider for (5) fatigue evaluation	See Note (9)
Design Condition		$1.0S_{mc}$	$1.5S_{mc}$	$1.5S_{mc}$	N/A	N/A	See Note (9)
Level A Service Limit(1)		$1.0S_{mc}$	$1.5S_{mc}$	$1.5S_{mc}$	$3.0S_{mf}$	Consider for fatigue evaluation	See Note (9)
Level B Service Limit		$1.0S_{mc}$	$1.5S_{mc}$	$1.5S_{mc}$	$3.0S_{mf}$	Consider for fatigue evaluation	See Note (9)
Level C Service Limit	Not Integral and Continuous	$1.0S_{mc}$	$1.5S_{mc}$	$1.5S_{mc}$	$3.0S_{mf}$	N/A	See Note (9)
	Integral and Continuous(4),(7)	$1.2S_{mc}$ or * $1.0S_y$	$1.8S_{mc}$ or * $1.5S_y$	$1.8S_{mc}$ or * $1.5S_y$	N/A	N/A	See Note (9)
Level D Service Limit	Not Integral and Continuous(1)	$1.2S_{mc}$ or * $1.0S_y$	$1.8S_{mc}$ or * $1.5S_y$	$1.8S_{mc}$ or * $1.5S_y$	N/A	N/A	See Note (9)
	Integ. & Con. Elas. Analysis(3)	S_t	$1.5S_t$	$1.5S_t$	N/A	N/A	See Note (5)
	Integ. & Con. Inelas. Analysis(3)	S_t	S_t	S_t			
Post-Flooding Condition(4)		$1.2S_{mc}$ or * $1.0S_y$	$1.8S_{mc}$ or * $1.5S_y$	$1.8S_{mc}$ or * $1.5S_y$	$3S_{mf}$	N/A(2)	See Note (9)

TABLE E-1 (CONT'D)

NOTES:

(1) The allowable stress intensity S_{mf} shall be the S_m listed in Tables I-1.0 and the allowable stress intensity S_{mc} shall be the S_m listed in Tables I-10.0 of Appendix I of the ASME Code.

(2) N/A - No evaluation required.

(3) S_f is 85% of the general primary membrane allowable permitted in Appendix F. In the application of the rules of Appendix F, S_{mf}, if applicable, shall be as specified in Tables I-1.0.

(4) These limits identified by (*) sign indicate a choice of the larger of two limits.

(5) The number of test sequences shall not exceed 10 unless a fatigue evaluation is considered.

(6) Values shown are for a solid rectangular section. See. NE-3220 for other than a solid rectangular section.

(7) These stress intensity limits apply also to the partial penetration welds.

(8) Values shown are applicable when $P_L \leq 0.67S_y$. When $P_L > 0.67S_y$, use the larger of the two limits, $[2.5 - 1.5 (P_L/S_y)]\ 1.25S_{mc}$ or $[2.5 - 1.5 (P_L/S_y)]\ S_y$.

(9) The applicant is required to demonstrate that any axisymmetric techniques proposed are applicable to a vessel having large asymmetric openings, and that the overall margin of safety used to prevent buckling is adequate.

APPENDIX F

SAND STIFFNESS SENSITIVITY STUDY

F.1 Sensitivity Evaluation

The objective of this Appendix is to evaluate the sensitivity of the calculated stresses in the sandbed region to the assumed stiffness of sand. Based on the information given in Reference 2.4.10 Of Reference F-1, the stiffness of sand was chosen as 366 psi/inch in the finite element stress analyses described in this report. The sensitivity evaluation was performed by comparing the sandbed region circumferential stress distribution in the following two cases: (1) nominal sand stiffness of 366 psi/inch, (2) sand stiffness assumed as 80% of the nominal value.

The stresses were calculated for the accident condition load combination V-1. To minimize the number of load cases, the pie slice model, developed for the buckling evaluation in Reference F-2, was used. The accident condition load combination was chosen since the calculated stresses are the highest for that combination.

Figure F-1 shows a plot of the calculated circumferential stresses as a function of meridional distance at a plane mid-way between the two vent lines. A comparison shows that the maximum stress magnitude increased by approximately 7% when the sand stiffness was reduced by 20%. However, even with the sand stiffness at 80% value, the highest circumferential stress magnitude is still considerably less than the highest meridional stress magnitude in the sandbed region. The change in the highest meridional stress value in the two cases was insignificant. This clearly indicates that the calculated highest stresses in the sandbed region are not strongly sensitive to the assumed value of sand spring stiffness.

F.2 References

F-1 GPUN Specification SP-1302-53-044, Technical Specification for Primary Containment Analysis - Oyster Creek Nuclear Generating Station; Rev. 2, October 1990.

F-2 "An ASME Section VIII Evaluation of the Oyster Creek Drywell - Part 2 - Stability Evaluation," GE Index # 9-2, DRF # 00664 (November 1990).

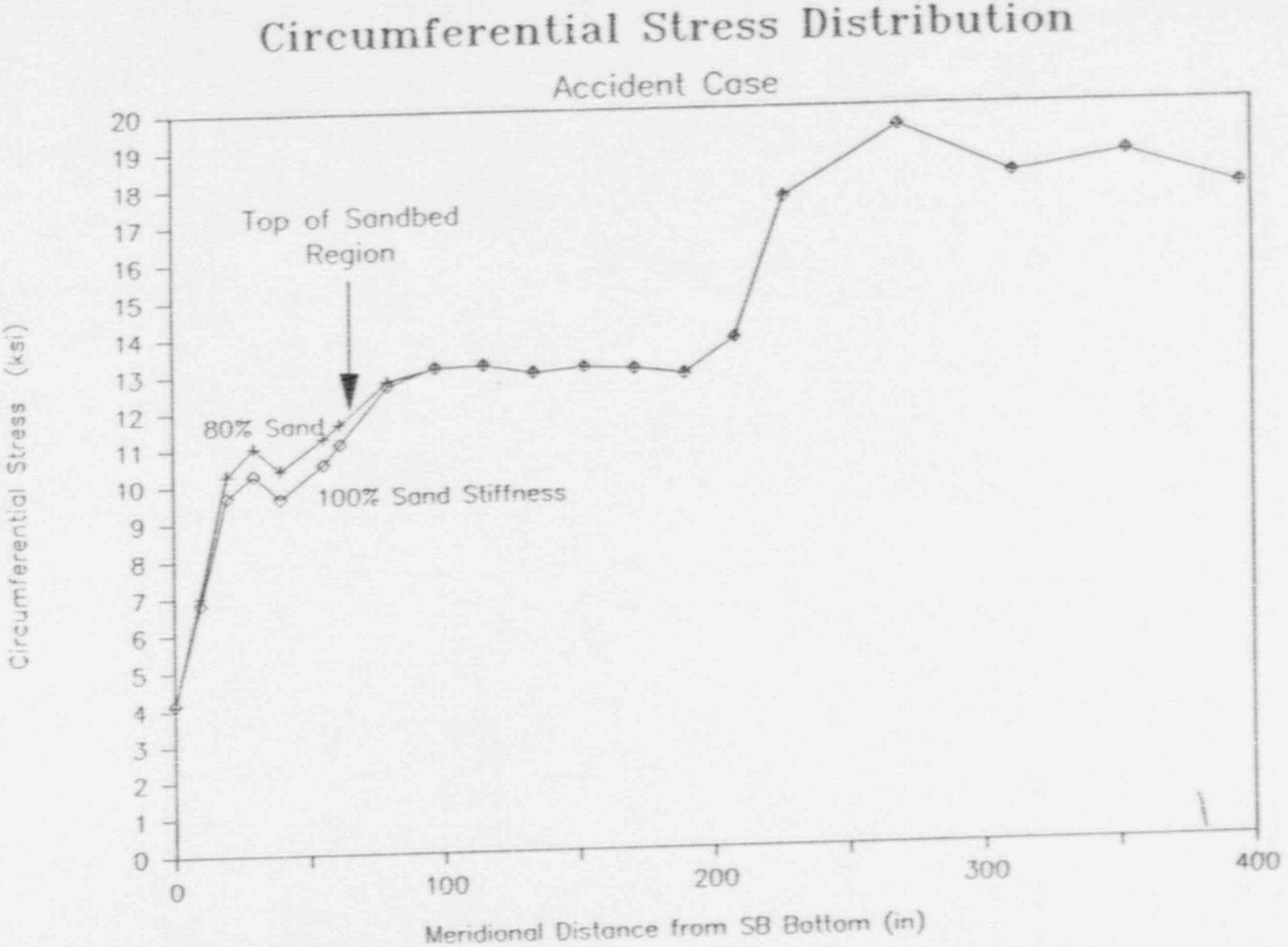


Figure F-1 A Comparison of Calculated Circumferential Stresses for Two Different Values of Sand Stiffness

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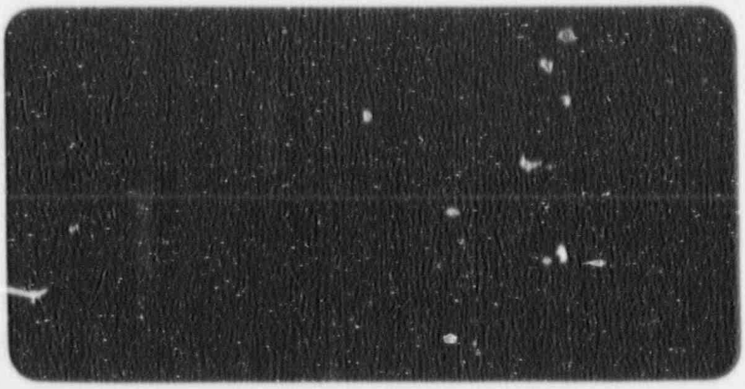

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