UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

Form 11-K

| X | ANNUAL REPORT PURSUANT TO SECTION 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934 |
|---|--|
| | For the fiscal year ended December 31, 2015 |
| | or |
| | TRANSITION REPORT PURSUANT TO SECTION 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934 |
| | For the transition period from to |
| | Commission file number 001-16441 |
| | |

CROWN CASTLE PUERTO RICO 1165(e) PLAN

2000 Corporate Drive
Canonsburg, PA 15317
(Full title of the plan and the address of the plan, if different from that of the issuer named below)

CROWN CASTLE INTERNATIONAL CORP. 1220 Augusta Drive, Suite 600 Houston, Texas 77057-2261

(Name of issuer of the securities held pursuant to the plan and the address of principal executive office)

CROWN CASTLE PUERTO RICO 1165(e) PLAN

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| Note: All other schedules required by 29 CFR 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable. | |
| <u>SIGNATURE</u> | <u>9</u> |

CROWN CASTLE PUERTO RICO 1165(e) PLAN

STATEMENT OF NET ASSETS AVAILABLE FOR BENEFITS (Unaudited)

DECEMBER 31, 2015 AND 2014

| | 2015 | 2014 |
|--|-----------------|-----------------|
| Investments, at fair value (notes 3 and 4) | \$ 1,685,585 | \$ 1,401,396 |
| Receivables: | | |
| Employer cash contributions | 42,797 | 42,636 |
| Employer securities contributions | 44,256 | 42,970 |
| Notes receivable from participants | 82,082 | 103,644 |
| Total receivables | 169,135 | 189,250 |
| Net assets available for benefits | \$ 1,854,720 | \$ 1,590,646 |

See accompanying notes to financial statements.

CROWN CASTLE PUERTO RICO 1165(e) PLAN

STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS (Unaudited)

FOR THE YEARS ENDED DECEMBER 31, 2015 AND 2014

| | 2015 | | 2014 | |
|--|------|-----------|------|-----------|
| Additions (deductions) to net assets attributed to: | | | | |
| Investment income (loss): | | | | |
| Net appreciation (depreciation) in fair value of investments | \$ | (60,706) | \$ | (175) |
| Dividends and interest | | 85,980 | | 84,801 |
| Total investment income (loss) | | 25,274 | | 84,626 |
| Contributions: | | | | |
| Employer cash contribution | | 74,134 | | 74,044 |
| Employer securities contribution | | 44,256 | | 85,479 |
| Participants | | 120,410 | | 119,733 |
| Total contributions | | 238,800 | | 279,256 |
| Total additions (deductions) | | 264,074 | | 363,882 |
| Net assets available for benefits: | | | | |
| Beginning of year | | 1,590,646 | | 1,226,764 |
| End of year | \$ | 1,854,720 | \$ | 1,590,646 |

See accompanying notes to financial statements.

1. Plan Description

The following description of the Crown Castle Puerto Rico 1165(e) Plan (the "Plan") provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

(a) General

The Plan is a defined contribution plan available to eligible employees of Crown Castle Puerto Rico Corp. (the "Company"). Banco Popular de Puerto Rico ("Banco Popular") is the trustee and recordkeeper of the Plan. The Company, an indirect subsidiary of the Crown Castle International Corp., is the plan administrator for the Plan. The Plan was established on October 1, 2008, and has since been amended on an asneeded basis through the date of this report. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA") and Puerto Rico income tax laws. The financial statements are not required to be audited under the applicable ERISA exemption for qualifying plans with fewer than 100 participants.

As of December 31, 2015 and 2014, there were 16 employees of the Company eligible to participate and participating in the Plan.

(b) Contributions

Employees are eligible for participation in the Plan once they are 21 years of age and have completed three months of service with the Company. Employees can participate in the Plan on the first day of the month coinciding with or following three months of service. Participants may contribute any percentage of their eligible compensation up to and including any percentage that allows the participant to reach the pre-tax contribution limit of \$15,000 in both 2015 and 2014, respectively, a maximum deferral amount specified by Puerto Rico Internal Revenue Code of 1994 ("PR Code"), as amended. Participants who are age 50 and older can contribute an additional \$1,500 pre-tax contribution in both 2015 and 2014 above the annual PR Code limitation. In addition, participants may make voluntary contributions to the Plan on an after-tax basis. These employee contributions are made through compensation deferral arrangements and are fully vested at all times. Participants may also contribute amounts representing distributions from other qualified plans. Participants direct the investment of their contributions into various investment options offered by the Plan. The Plan includes an auto-enrollment provision whereby all newly eligible employees who have not submitted an election to participate or not participate in the Plan are automatically enrolled in the Plan at a deferral rate of 3% and their contributions invested in a designated target date fund until changed by the participant. The deferral rates for participants who were auto enrolled increases by 1% each year until it reaches a maximum contribution of 6%, unless otherwise directed by the participant. A registered investment adviser is engaged to assist in monitoring the core investment options offered by the Plan, excluding the Crown Castle International Corp. common stock ("CCIC Common Stock"). As of December 31, 2015, the Plan offered 18 mutual funds, a money market account and CCIC Common Stock as investment options.

The Company matches and contributes in cash 50% of the first 6% of compensation that a participant contributes to the Plan. In addition, discretionary amounts may be contributed at the option of the Company's board of directors. Contributions are subject to certain limitations.

The discretionary contributions for 2015 consisted of:

- A cash contribution equal to an additional 50% of the first 6% of compensation that participants contributed to the Plan.
- A contribution of CCIC Common Stock equal to approximately 4% of each employee's annualized base salary as of December 31, 2015. On March 11, 2016, the contribution totaled 512 shares of CCIC Common Stock, with a total market price of approximately \$44,256 based on the closing price per share of CCIC Common Stock as of December 31, 2015.

The discretionary contributions for 2014 consisted of:

• A cash contribution equal to an additional 50% of the first 6% of compensation that participants contributed to the Plan.

- A contribution of CCIC Common Stock equal to approximately 4% of each employee's annualized base salary as of March 31, 2014 based on the closing price per share of CCIC Common Stock as of April 2, 2014. On June 13, 2014, the contribution totaled 576 shares of CCIC Common Stock, with a total market price of approximately \$42,509.
- A contribution of CCIC Common Stock equal to approximately 4% of each employee's annualized base salary as of December 31, 2014. On March 6, 2015, the contribution totaled 546 shares of CCIC Common Stock, with a total market price of approximately \$42,970 based on the closing price per share of CCIC Common Stock as of December 31, 2014.

The discretionary equity securities contributions vest in the same manner as the Company's standard and annual discretionary cash matches. See "vesting description" below. Participants are able to sell such units and reinvest the proceeds into other Plan investment options at any time, even to the extent such amounts are non-vested.

The Company's total discretionary contributions were \$81,323 and \$122,500 for the years ended December 31, 2015 and 2014, respectively.

(c) Participant Accounts

Participant accounts are maintained at fair market value. Each participant's account is credited with the participant's contribution and allocations of (1) the Company's matching and discretionary contributions and (2) Plan earnings and losses. The participant is entitled to the benefit that can be provided from the participant's vested account.

(d) Vesting

Participants are vested immediately in their contributions plus actual earnings (losses) thereon. Vesting in the Company's contribution portion of their accounts is generally based on years of service. A participant is 33% vested after one year of credited service, 67% vested after two years of credited service, and 100% vested after three years of credited service. A participant automatically vests in any non-vested accounts upon attainment of age 65, upon retirement due to disability, upon death and upon termination of the Plan.

(e) Notes Receivable From Participants

Participants are permitted to borrow a minimum of \$1,000 up to a maximum of 50% of the vested balance or \$50,000, whichever is less. The notes are secured by the balance in the participant's account and bear interest at a fixed rate of prime plus 1%. As of December 31, 2015, the interest rate on each of the notes receivable from participants was 4.25%. All notes are subject to specific repayment terms and must be repaid within a five-year period. Each participant is permitted one note at a time. No allowance for credit losses was recorded as of December 31, 2015 and 2014.

In the event of default, as described by the Plan, participants are considered to have received a distribution and are subject to income taxes on the distributed amount.

(f) Payment of Benefits

Participants are permitted to withdraw any portion of their vested account balance due to death, permanent disability, retirement, attainment of age 59 1/2, in the event of financial hardship or termination of service. The participant may elect to receive a lump-sum payment, subject to federal income tax withholdings, or rollover the vested account balance to another qualified plan. These withdrawals, prior to retirement, may result in certain suspensions of current and future participation in the Plan.

(g) Forfeitures

Company contributions and earnings (losses) thereon that have not become vested, and have been forfeited by participants in accordance with the applicable provisions of the Plan, are applied against the Company's contributions to the Plan and may be applied to reduce the administrative expenses of the Plan. There were no significant forfeited amounts applied against administrative expenses for the years ended December 31, 2015 and 2014. The forfeiture balance amounts that were unallocated to participants totaled \$889 for both the years ended December 31, 2015 and 2014.

(h) Administration Expenses

Plan administrative expenses, to the extent not paid by the Company, are charged to and paid from the Plan's assets as incurred. The Plan permits the application of forfeited assets to pay administrative expenses. No forfeited assets were used to pay administrative expenses during 2015 and 2014.

(i) Termination of Plan

In the event of termination of the Plan, the plan administrator will continue to function during such period as is necessary to make remaining normal distributions and to administer and distribute the residual interests of the participants. Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants become 100% vested in their accounts. Any unallocated assets of the Plan shall be allocated to participant accounts and distributed in such a manner as may be approved by the Puerto Rico Treasury Department, ERISA counsel, or other governing agencies.

(j) Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits. For example, as of December 31, 2015, approximately 13% of the Plan's net assets are invested in CCIC Common Stock. See note 3.

2. Summary of Significant Accounting Policies

(a) Basis of Presentation

The accompanying financial statements have been prepared on an accrual basis. Amounts payable to participants terminating participation in the Plan are included as a component of net assets available for benefits.

(b) Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires the plan administrator to make estimates and assumptions that affect the amounts reported in the financial statements and notes thereto. Actual results could differ from those estimates.

(c) Investment Income

Interest income from investments is recorded as earned on an accrual basis. Dividend income is recorded on the ex-dividend date.

(d) Investments and Fair Value Measurements

The Company's assets and liabilities recorded at fair value are categorized based upon a fair value hierarchy that ranks the quality and reliability of the information used to determine fair value, in accordance with applicable accounting guidance (see note 4).

The following is a description of the levels of the fair value hierarchy:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or
 indirectly. Level 2 inputs include quoted prices for similar assets or liabilities in active markets, as well as inputs other than quoted prices
 that are observable for the asset or liability.
- Level 3 inputs are unobservable inputs and are not corroborated by market data.

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2015 and 2014.

Money market funds and equity securities: Valued at the closing price reported on the active market on which the individual securities are traded on the last business day of the Plan year.

Mutual funds: Valued at the NAV of shares held by the Plan at year-end based on quoted market price on active markets on the last business day of the Plan year.

CCIC Common Stock: Valued at the closing price of the stock as reported by New York Stock Exchange on the last business day of the Plan year.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Purchases and sales of securities are accounted for on a settlement-date basis. The difference between recording transactions on a trade date and a settlement date was not significant to the Plan's financial statements.

In accordance with the policy of stating investments at fair value, unrealized appreciation or depreciation on investments are reflected within investment income (loss) in the Statement of Changes in Net Assets Available for Benefits.

(e) Contributions

Participant contributions are recorded as they are withheld from the participant's compensation.

(f) Distributions to Participants

Distributions to participants are recorded when paid by the Plan.

(f) Recently Adopted Accounting Pronouncements

In July 2015, the Financial Accounting Standards Board ("FASB") issued new guidance which simplifies accounting and disclosures for employee benefit plans. The guidance (1) requires fully benefit responsive investment contracts to be measured and disclosed at contract value, (2) eliminates the requirements to disclose individual investments that represent 5% or more of net assets available for benefits, (3) eliminates the requirements to disclose net appreciation or depreciation in fair value of investments by general type and (4) provides a practical expedient to permit plans to measure investments and investment-related accounts as of a month-end date that is closest to the plan's fiscal yearend, when the fiscal period does not coincide with a month end. Only items (2) and (3) noted above are applicable to the Plan. The guidance is effective for the Plan on January 1, 2016 and early adoption is permitted. The Plan adopted the guidance as of December 31, 2015, and has applied the guidance retrospectively. The adoption of this guidance only impacts certain investment disclosures and has no impact on net assets available for benefits.

3. Investment Options

The following were the investment options as of December 31, 2015:

- Artisan International Fund
- CCIC Common Stock
- DFA One-Year Fixed Income Portfolio Fund
- DFA Global Real Estate Fund
- · Gabelli U.S. Treasury Money Market Account
- Invesco Growth and Income R6 Fund
- JPMorgan Core Bond Fund R6 Fund
- Northern Small Cap Value Fund
- PIMCO High Yield Institutional Fund
- Schwab 1000 Index Fund

- T. Rowe Price Growth Stock Fund
- T. Rowe Price Retirement 2005 Fund
- T. Rowe Price Retirement 2010 Fund
- T. Rowe Price Retirement 2020 Fund
- T. Rowe Price Retirement 2030 Fund
- T. Rowe Price Retirement 2040 Fund
- $\bullet\,$ T. Rowe Price Retirement 2050 Fund
- Vanguard Explorer Admiral Fund
- Vanguard Mid-Cap Index Institutional Fund
- Vanguard Inflation Protected Admiral Securities Fund

4. Fair Values

Investments measured at fair value on a recurring basis consisted of the following types of instruments as of December 31, 2015 and 2014.

| | Assets at Fair Value as of December 31, 2015 | | | | | | | |
|-------------------------|--|-----------|---------|----------|---------|---|----|-----------|
| | Level 1 | | Level 2 | | Level 3 | | | Total |
| Mutual funds: | | | | | | | | |
| Growth funds | \$ | 949,246 | \$ | _ | \$ | _ | \$ | 949,246 |
| Bond funds | | 62,868 | | _ | | _ | | 62,868 |
| Value funds | | 122,001 | | _ | | _ | | 122,001 |
| Balanced funds | | 267,558 | | _ | | _ | | 267,558 |
| Total mutual funds | | 1,401,673 | | _ | | _ | | 1,401,673 |
| | | | | | | | | |
| Money market fund: | | | | | | | | |
| Treasury fund | | 46,607 | | _ | | _ | | 46,607 |
| Total money market fund | | 46,607 | | _ | | _ | | 46,607 |
| | | | | | | | | |
| Common stock: | | | | | | | | |
| Common stock | | 237,305 | | _ | | _ | | 237,305 |
| Total common stock | | 237,305 | | _ | | _ | | 237,305 |
| | | | | | | | | |
| Total | \$ | 1,685,585 | \$ | <u> </u> | \$ | | \$ | 1,685,585 |
| | | | | | | | | |

| | Assets at Fair Value as of December 31, 2014 | | | | | | | |
|-------------------------|--|----|----------|---------|---|----|-----------|--|
| | Level 1 | | Level 2 | Level 3 | | | Total | |
| Mutual funds: | | | | | | | | |
| Growth funds | \$ 793,221 | \$ | _ | \$ | _ | \$ | 793,221 | |
| Bond funds | 54,953 | | _ | | _ | | 54,953 | |
| Value funds | 182,743 | | _ | | _ | | 182,743 | |
| Balanced funds | 187,935 | | _ | | _ | | 187,935 | |
| Total mutual funds | 1,218,852 | | _ | | _ | | 1,218,852 | |
| | | | | | | | | |
| Money market fund: | | | | | | | | |
| Treasury fund | 45,606 | | <u> </u> | | | | 45,606 | |
| Total money market fund | 45,606 | | _ | | _ | | 45,606 | |
| | | | | | | | | |
| Common stock: | | | | | | | | |
| Common stock | 136,938 | | _ | | _ | | 136,938 | |
| Total common stock | 136,938 | | _ | | _ | | 136,938 | |
| Total | \$ 1,401,396 | \$ | _ | \$ | | \$ | 1,401,396 | |

There were no transfers between Level 1 and 2 in the periods presented.

5. Federal Income Tax

The Plan received a favorable determination letter from the Puerto Rico Department of Treasury dated November 5, 2013, which stated that the Plan is designed in accordance with the applicable sections of the PR Code and therefore, exempt from income taxes. Accordingly, the accompanying financial statements do not include a provision for federal income taxes.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by by federal, state or local taxing authority. The plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2015, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

6. Party-In-Interest Transactions

Banco Popular is trustee and recordkeeper of the Plan. Fees paid by the Plan for the investment management services are included in net appreciation (depreciation) in fair value of investments.

The Plan invests in CCIC Common Stock. The Plan held 2,745 shares and 1,740 shares of CCIC Common Stock as of December 31, 2015 and 2014, respectively. There were purchases of CCIC Common Stock, inclusive of the employer securities contribution, totaling \$83,275 and \$52,434 for the year ending December 31, 2015 and 2014, respectively. There were sales of CCIC Common Stock totaling \$1,290 and \$14,875 for the years ending December 31, 2015 and 2014, respectively. The Plan recorded investment income related to the appreciation in the fair value of CCIC Common Stock of \$27,033 and \$4,165 for the years ending December 31, 2015 and 2014, respectively.

Notes receivable from participants totaled \$82,082 and \$103,644 as of December 31, 2015 and 2014, respectively, representing borrowings by the participants from their individual participant accounts.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Plan Administrator for the Plan has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

CROWN CASTLE PUERTO RICO

1165(e) PLAN

(Name of Plan)

By: /s/ ROB A. FISHER

Rob A. Fisher Vice President and Controller (Principal Accounting Officer)

Date: June 24, 2016