EXHIBIT NO. _____ (MHO-1T) DOCKET NOS. UE-170033/UG-170034 2017 PSE GENERAL RATE CASE WITNESS: MICHAEL H. O'BRIEN

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,	DOCKETS UE-170033 and UG-170034 (Consolidated)
Complainant,	
v.	
PUGET SOUND ENERGY,	
Respondent.	

PREFILED RESPONSE TESTIMONY (NON-CONFIDENTIAL) OF MICHAEL H. O'BRIEN ON BEHALF OF NW ENERGY COALITION, RENEWABLE NORTHWEST, AND NATURAL RESOURCES DEFENSE COUNCIL

JUNE 30, 2017

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Prefiled Response Testimony (Non-Confidential) of Michael H. O'Brien, NW Energy Coalition Docket Nos. UE-170033/UG-170034

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II. PLANNING FOR POST-RETIREMENT SYSTEM NEEDS AND SUPPLY OPTIONS

Q What is the purpose of your testimony?

A The Commission is being asked to approve the depreciation expenses associated with Colstrip 3 and 4 in this case. In order to do that, the Commissioners will need to understand the most likely retirement date for Colstrip 3 & 4. This potential retirement date will enable the Commission to determine a level of annual depreciation expense that will recover any expected retirement costs by that date. In order for the Commission to make a fully informed decision on an appropriate retirement date, it would be useful for the Commission to understand the post-retirement system needs and supply options available to PSE.

Q Why would it be useful for the Commission to understand the full power system planning context in order to make decisions for Colstrip 3 & 4?

An appropriate retirement date would likely need to take into account the costs of continued operation of Colstrip 3 & 4, versus the costs of retiring those units and, depending upon system needs after retirement, replacing some or all of the generation with other sources. To determine how that balance shifts in favor of an earlier or later retirement date, it would be useful to know the system needs remaining after retirement, and the nature and cost of the replacement power. Moreover, a thorough examination of the system needs following the retirement of Colstrip 3 and 4 would enable PSE and the Commission to determine whether there are any unique opportunities presented by current market conditions that could lead to lower-cost replacement resources.

Q When must PSE file its 2017 IRP with the UTC?

A On or before November 15, 2017. UE-160918, UG-161919, Order 01.

Q What retirement dates is PSE currently modeling for Colstrip 3 & 4 in its 2017

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