

## 7 GEP SCOPE OF VALIDATION

### 7.1 GEP Scope

In order to provide a complete description of the GEP, its operation, associated safety-risks and their controls for internal and regulatory purposes, the entire GEP facility is described within the GEP Safety Cases. However, the onshore sections of the GEP are outwith the jurisdiction of the OPGGSA and regulations as administered by NOPSEMA.

The GEP system, in its entirety, comprises the following components:

- CPF topsides export facilities, including two topsides pig traps, riser ESDVs, four export risers (each with an SSIV and ROV operated isolation valve), Export Riser Base (ERB), and tie-in spool.
- 1 x PLET.
- 881 km offshore pipeline (between the PLET and the onshore beach valve station).
- 1 x removable spool, for future tie-in of compression platform.
- 5 x hot tap tees to facilitate future tie-ins to the GEP.
- 1 x beach valve station.
- 7 km onshore pipeline (between the beach valve and the onshore pig receiver).
- LNG Plant reception facilities, including mainline valve, isolation valves and pig receiver.

As presented in Figure 7.1 below, the GEP Safety Case addresses the potential MAEs associated with the GEP from the downstream hub of the connector located inside of the PLET, located approximately 450m from the CPF, to the Onshore LNG Plant.

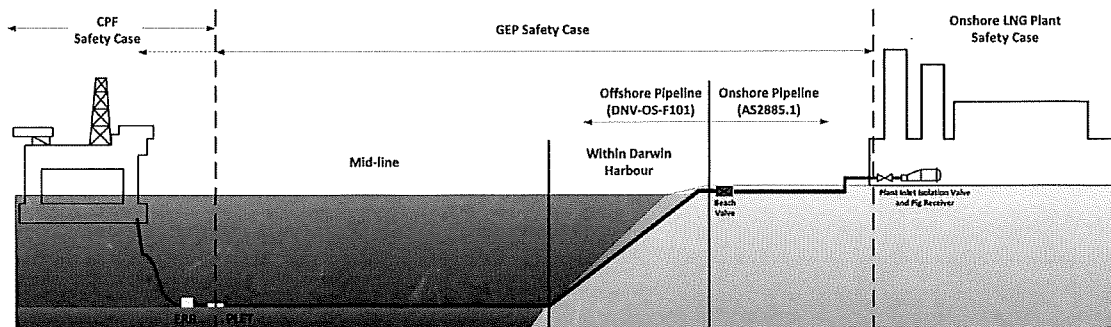


Figure 7-1: Scope of Project Safety Cases

The management of the MAEs associated with the section of the GEP upstream of the PLET i.e. from the riser emergency shutdown valves (ESDVs) at the CPF to the PLET, including the topsides riser ESDVs and the export riser base (ERB) is included in the CPF Safety Case and therefore the CPF Scope of Validation.

The management of potential MAEs associated with the onshore components of the GEP (onshore pipeline and LNG plant) are within state jurisdiction, subject to validation in accordance with the applicable state regulations (as administered by NT DoR and NT Worksafe) and therefore outside of this Scope of Validation.