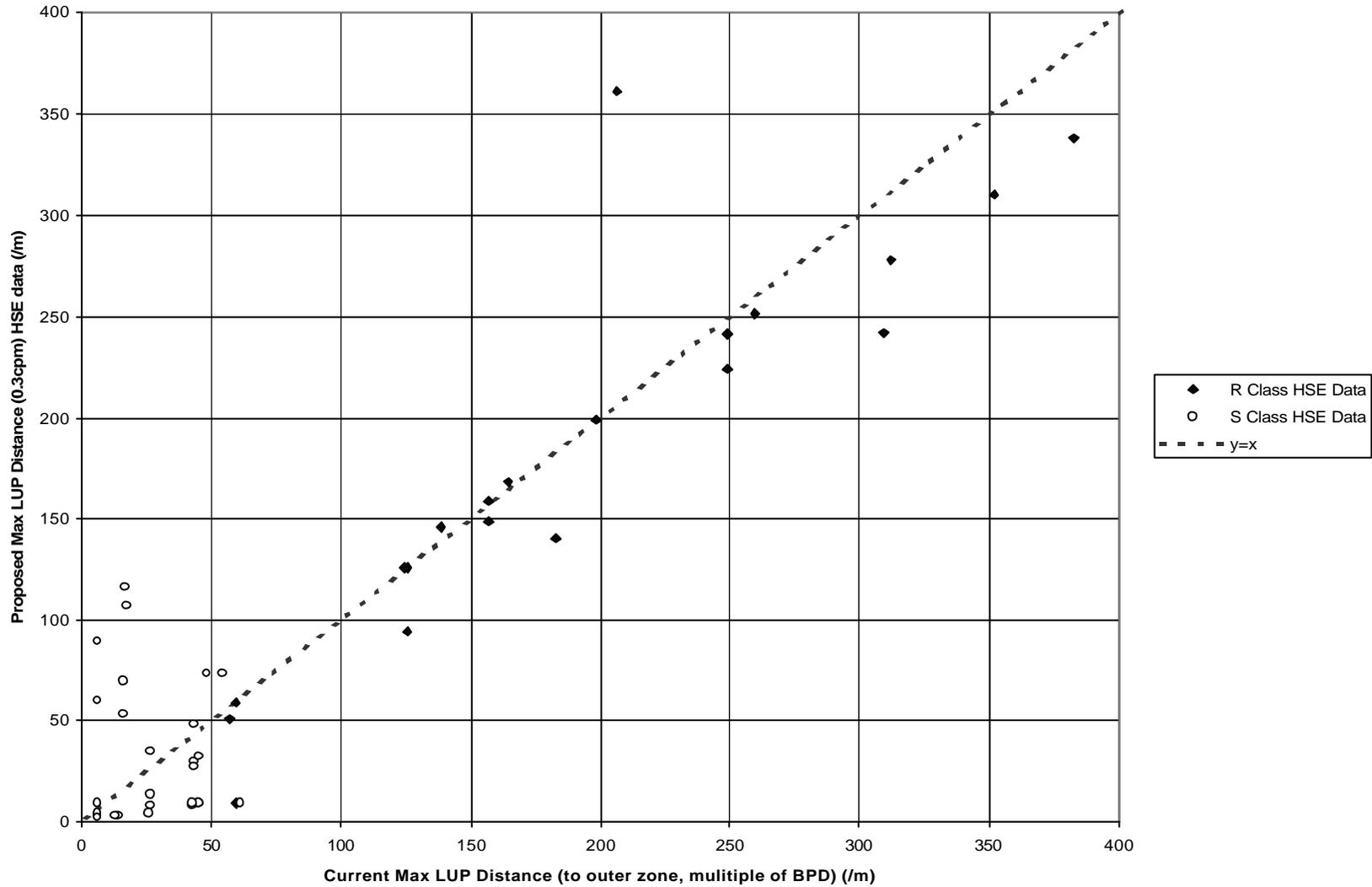
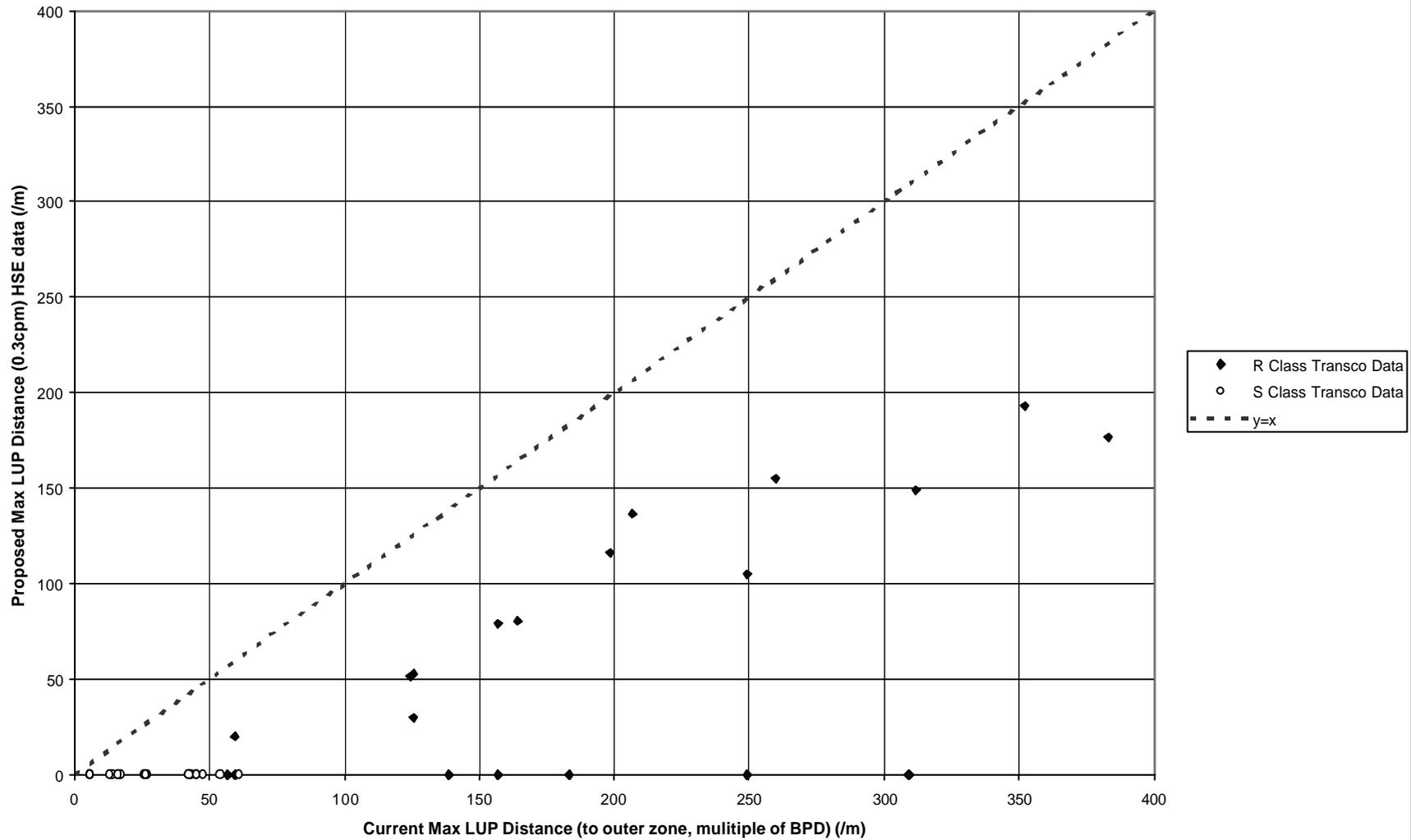


GRAPH 1
Impact of HSE's proposals on outer zone planning distances for Transco pipelines
HSE data

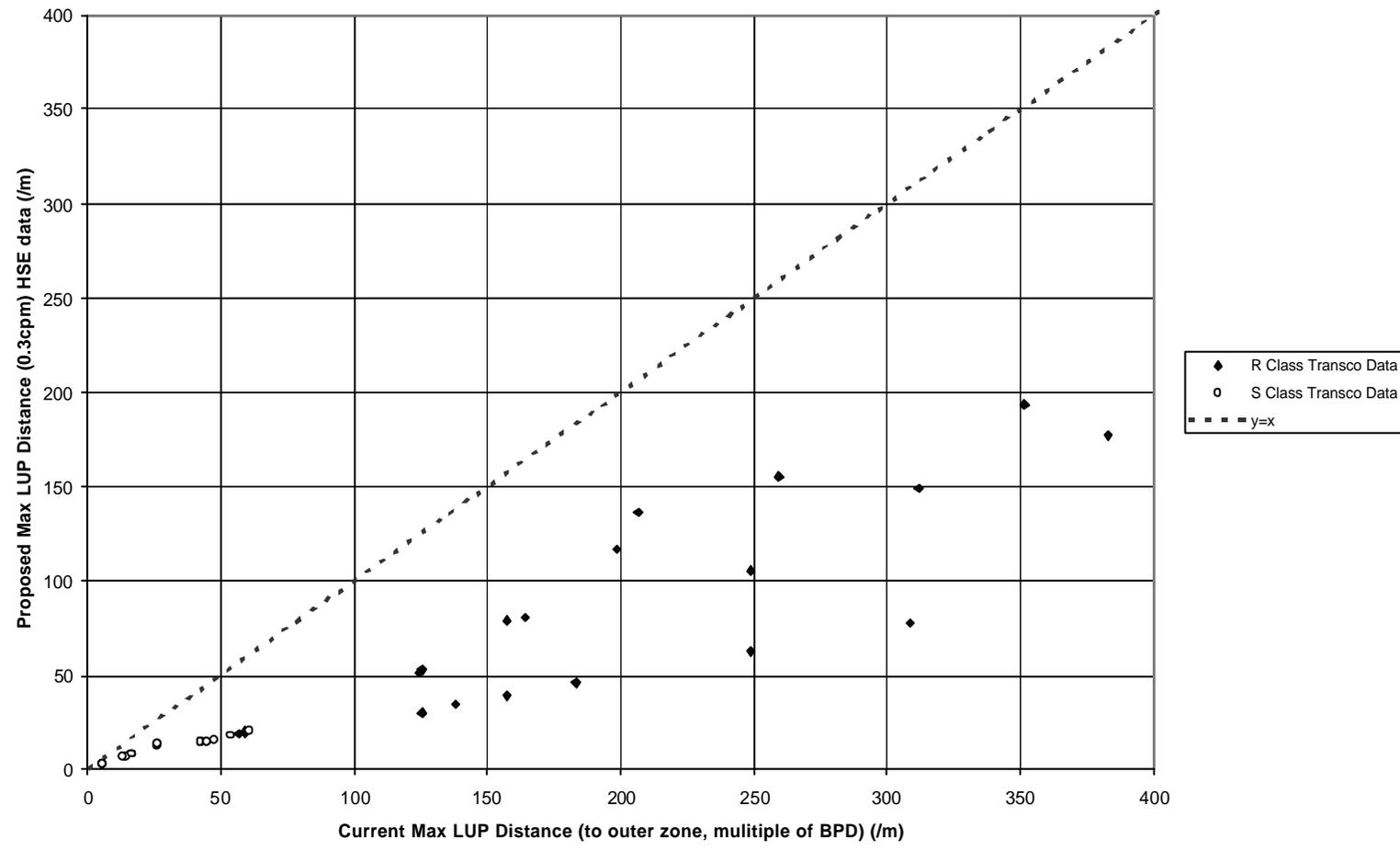


Graph 2
Impact of HSE's proposals on outer zone planning distances for Transco pipelines
Transco Data

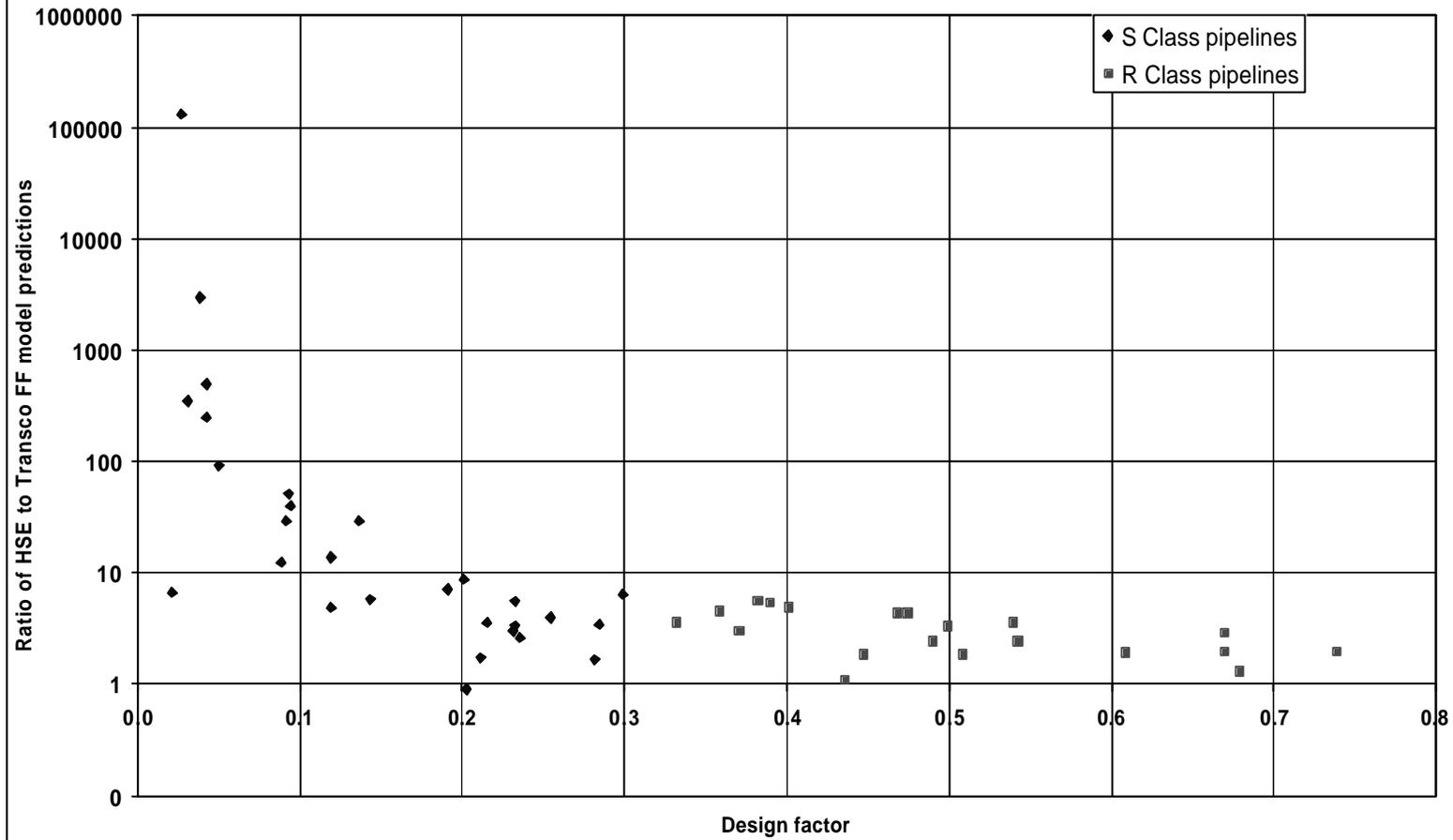
Note default 1 BPD not applied where max risk < 0.3 cpm



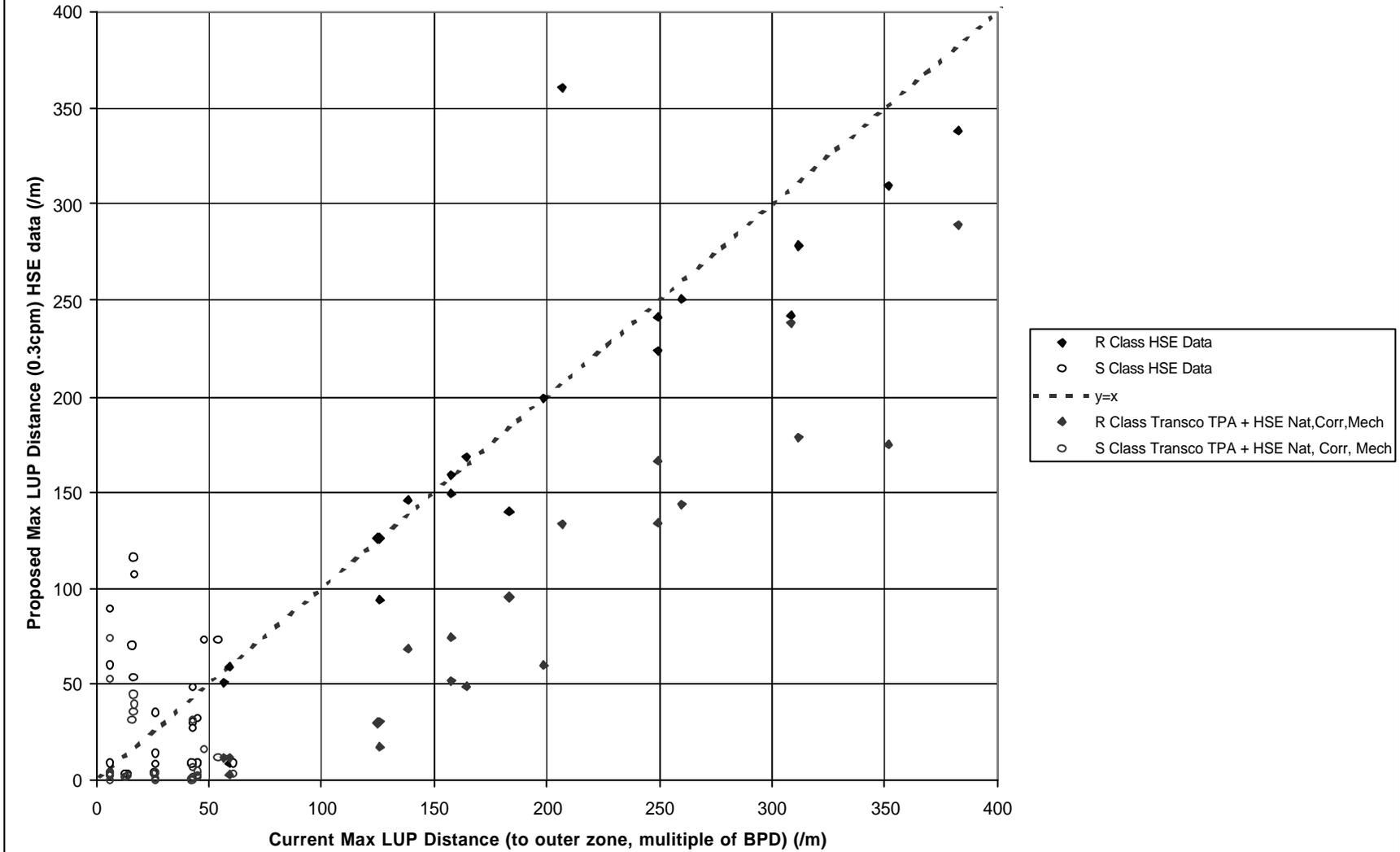
GRAPH 3
Impact of HSE's proposals on outer zone planning distances for Transco pipelines
Transco data
Note default 1 min BPD applied if max risk <0.3cpm



Graph 4
Ratio of HSE TPA model to Transco FF as function of design factor.



GRAPH 5
Impact of HSE's proposals on outer zone planning distances for Transco pipelines
Effect of replacing HSE TPA data with Transsco TPA data



Graph 6
Sensitivity of LUP zone distance to failure frequency
Example shows small increase in FF resulting in large increase in LUP zone

