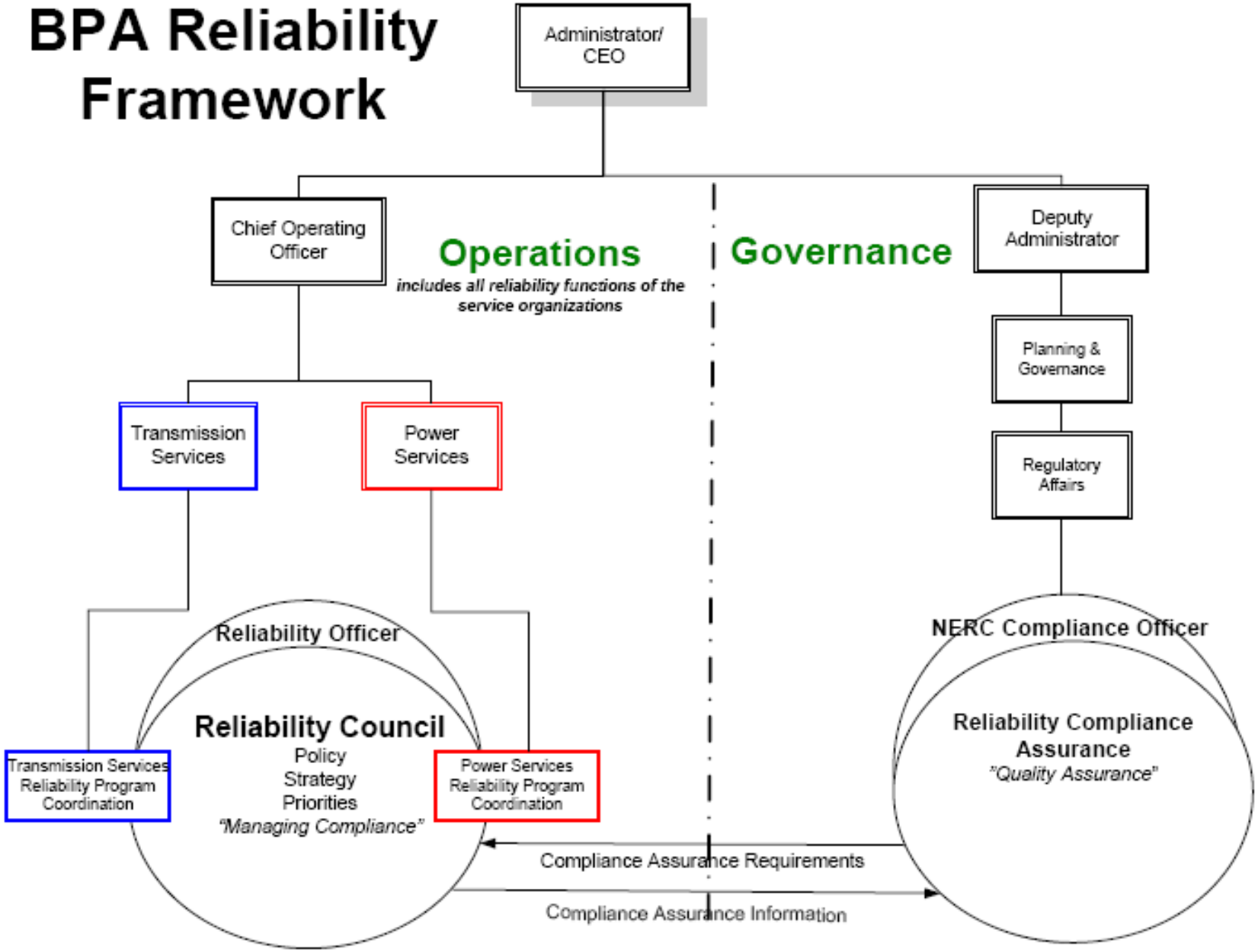BPA Reliability Framework