



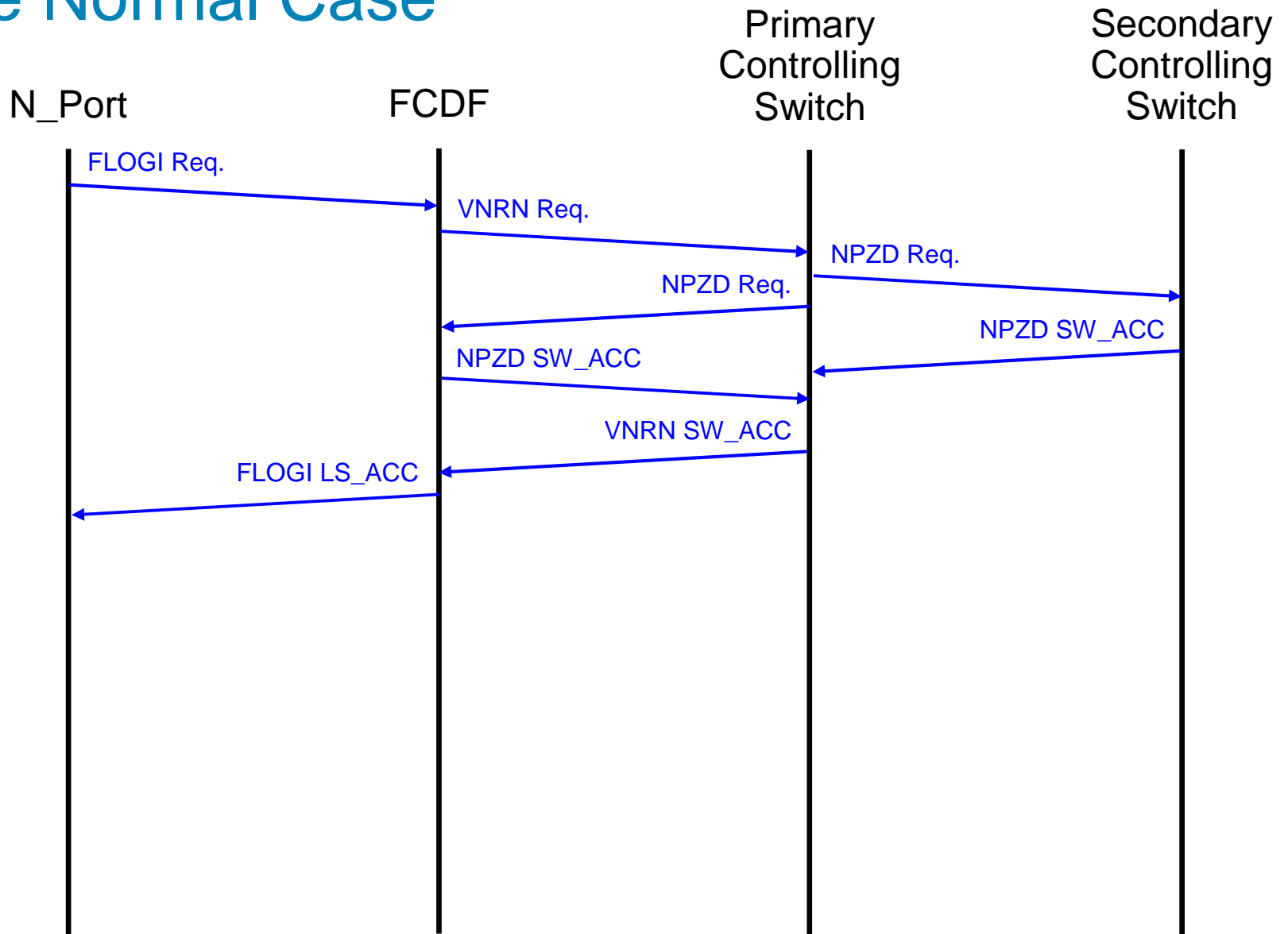
FLOGI Processing

Claudio DeSanti

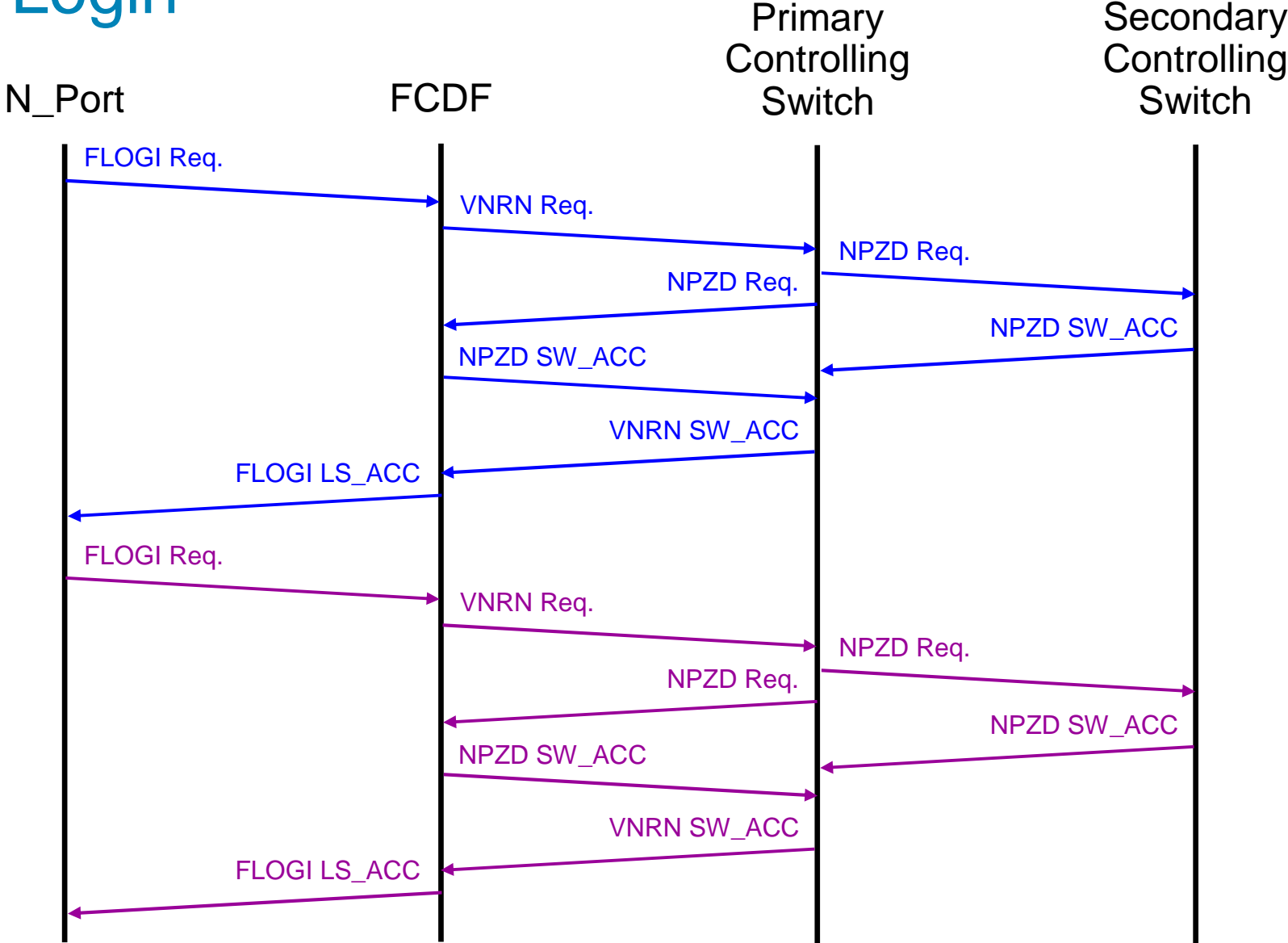
T11/13-063v1

April 2013

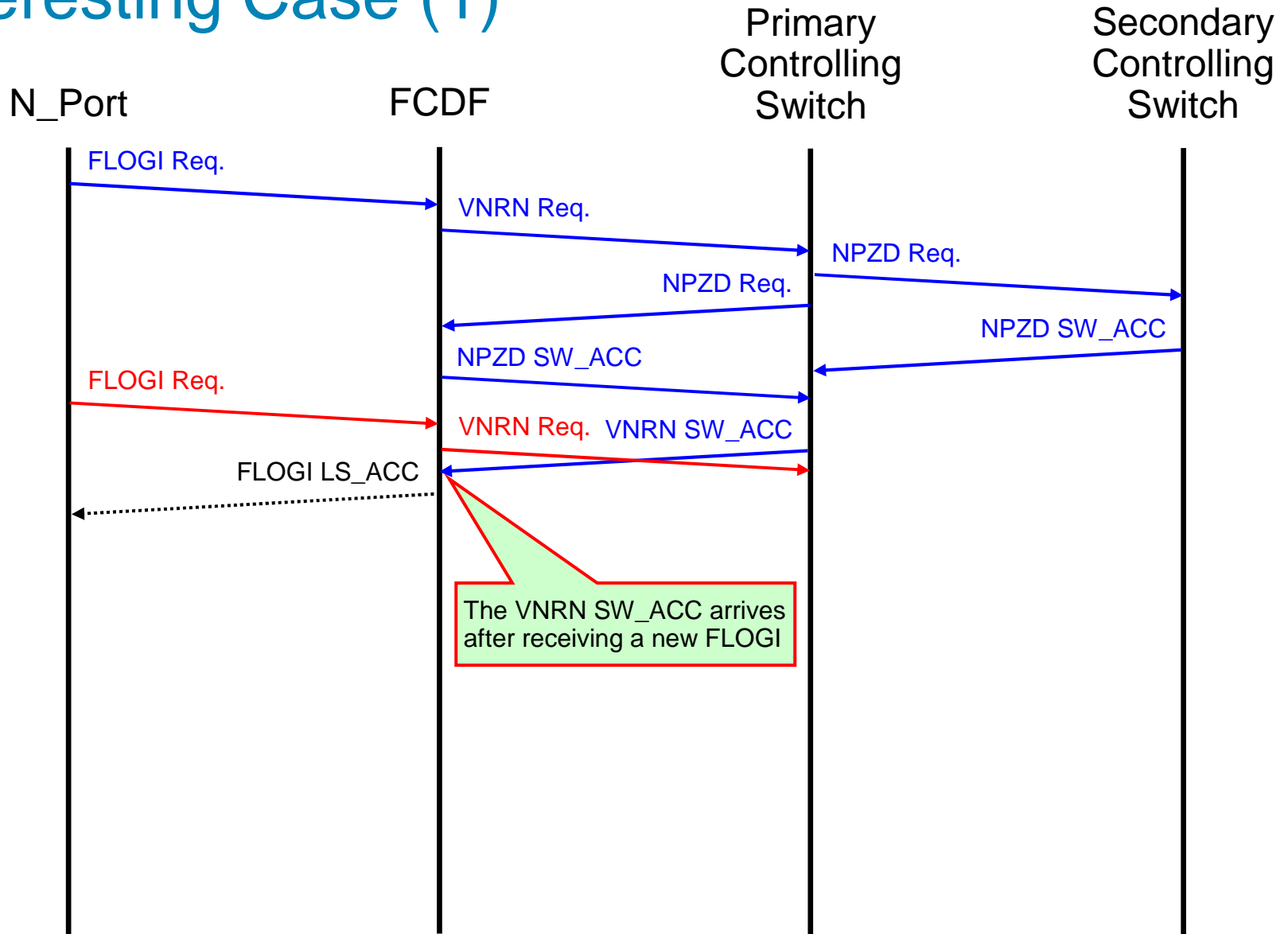
The Normal Case



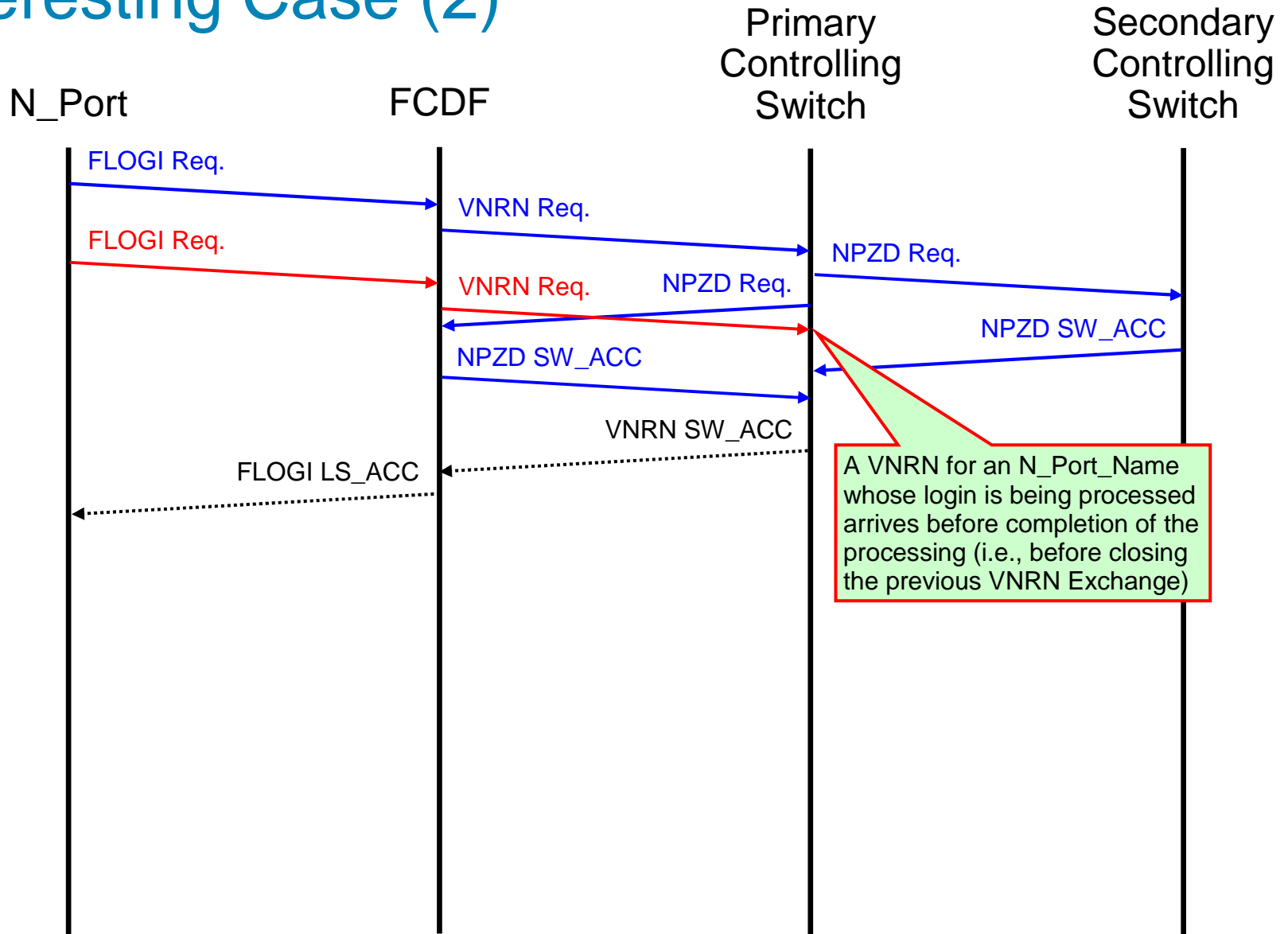
Re-Login



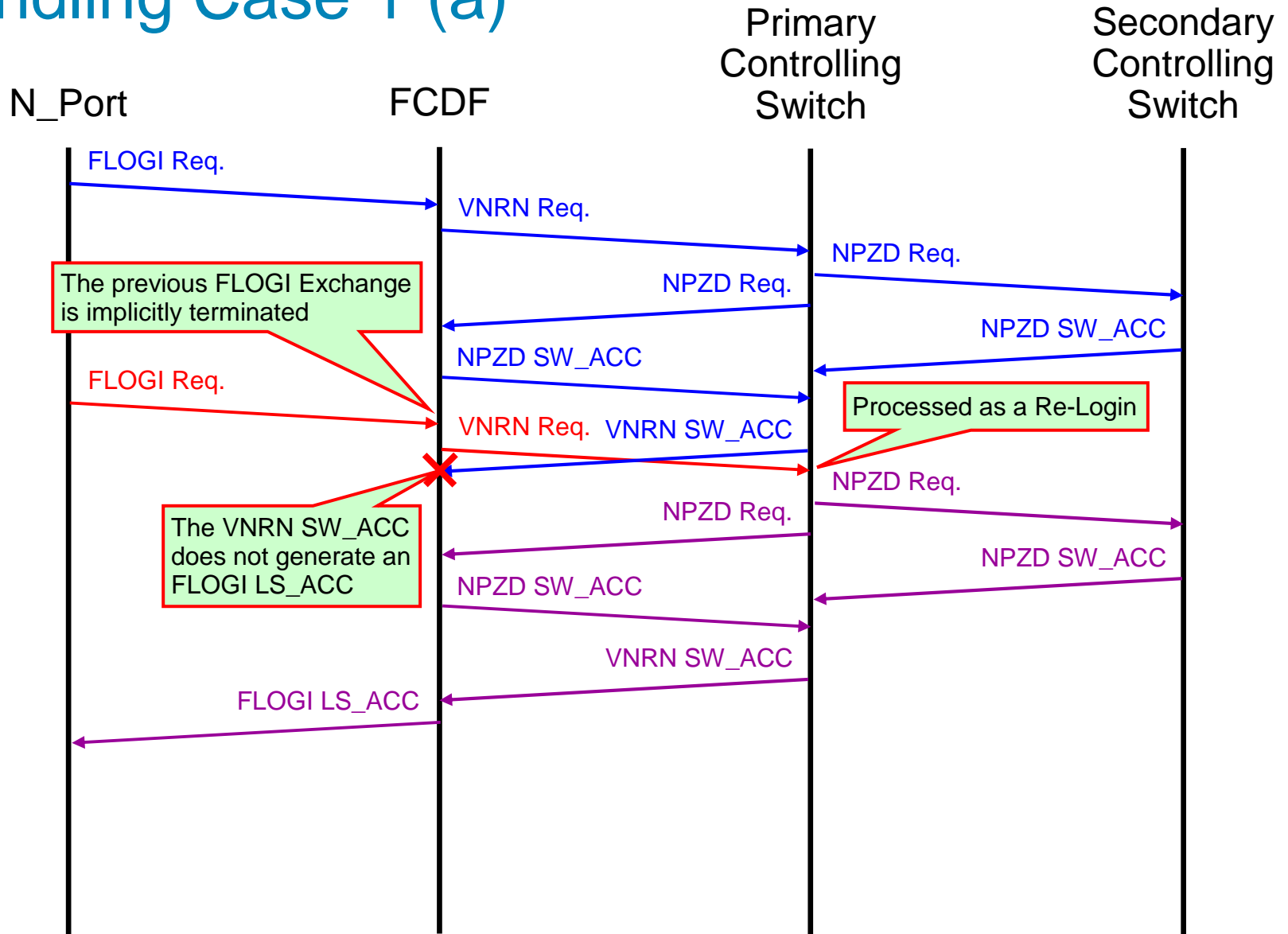
Interesting Case (1)



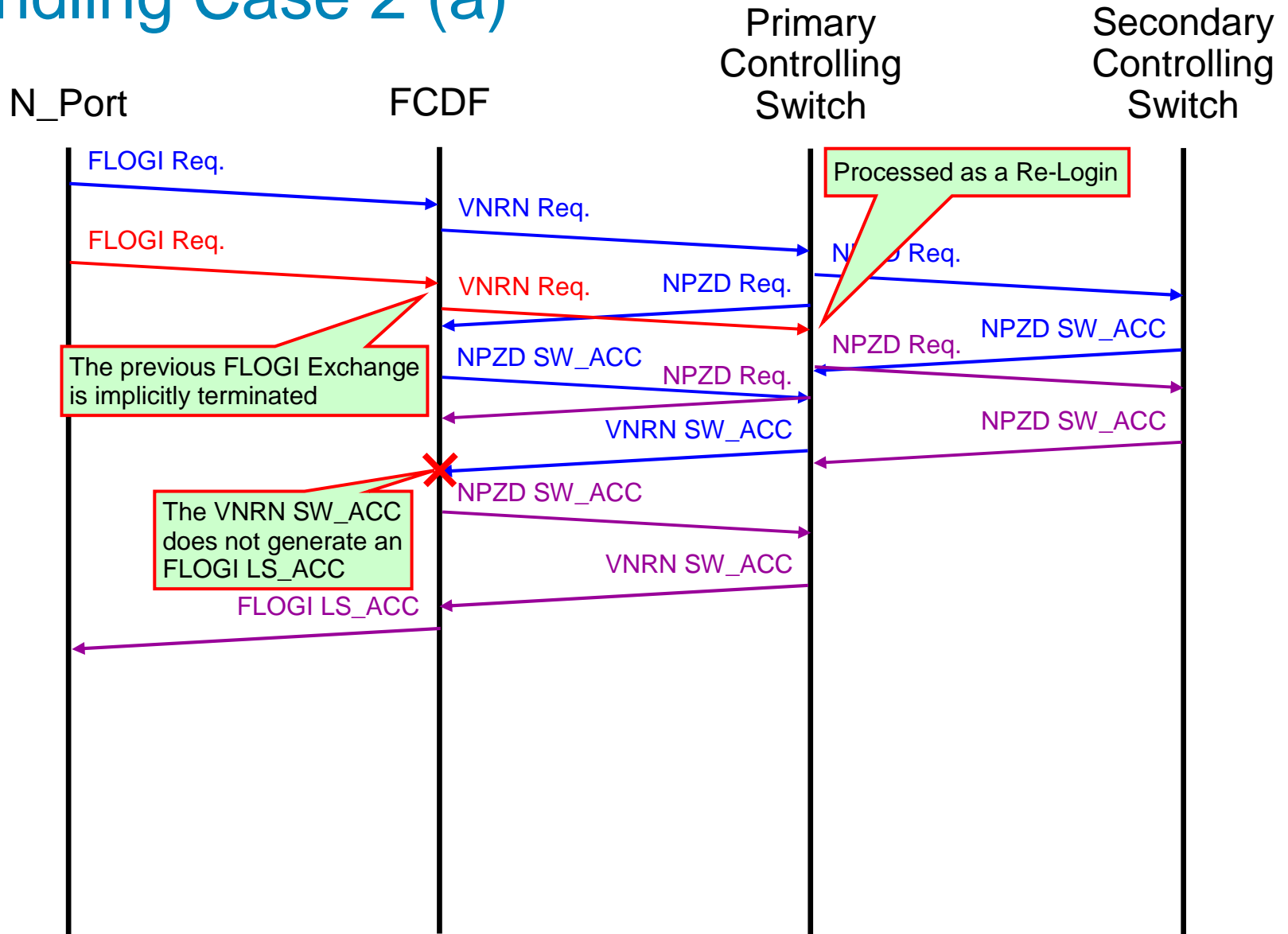
Interesting Case (2)



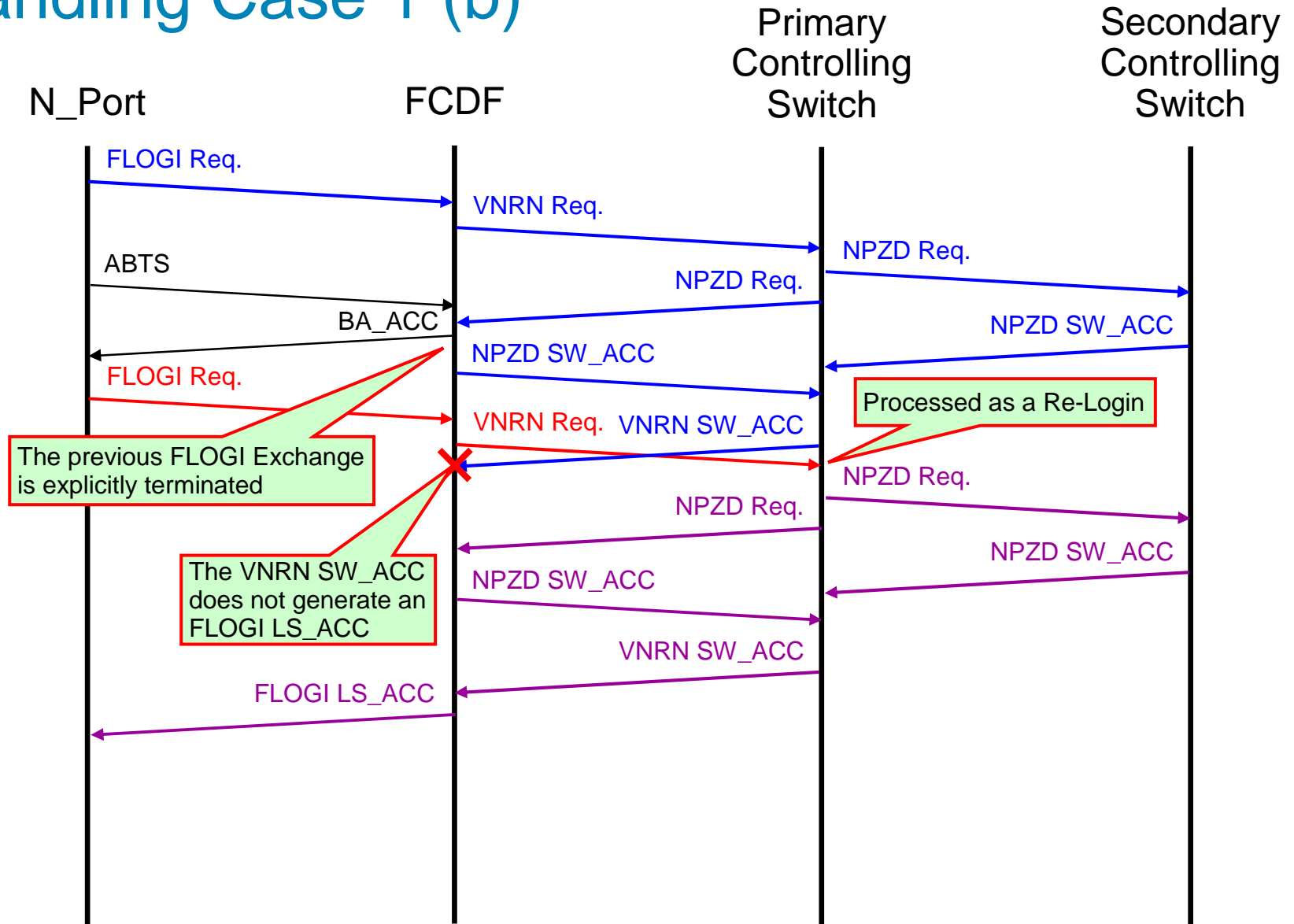
Handling Case 1 (a)



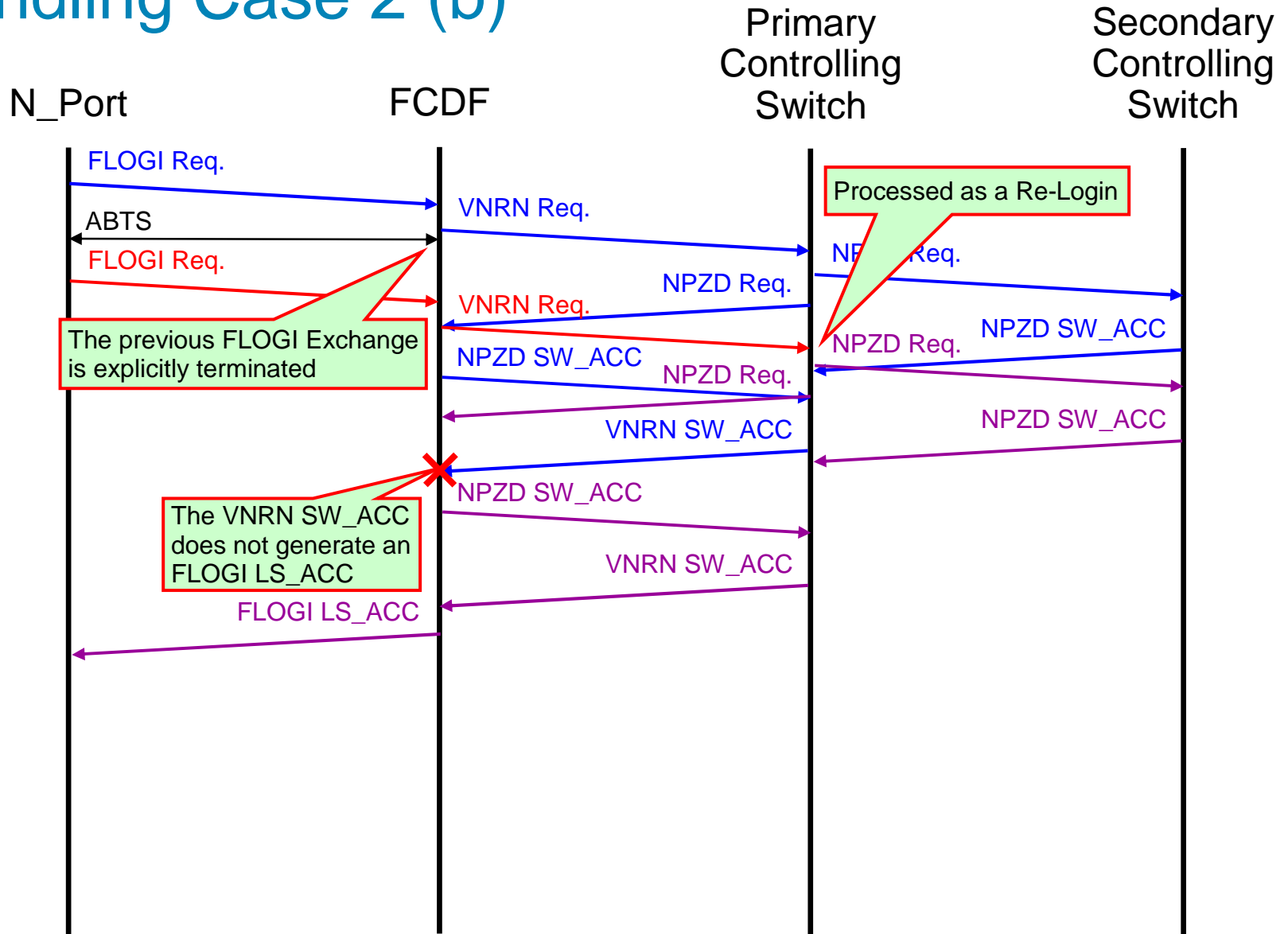
Handling Case 2 (a)



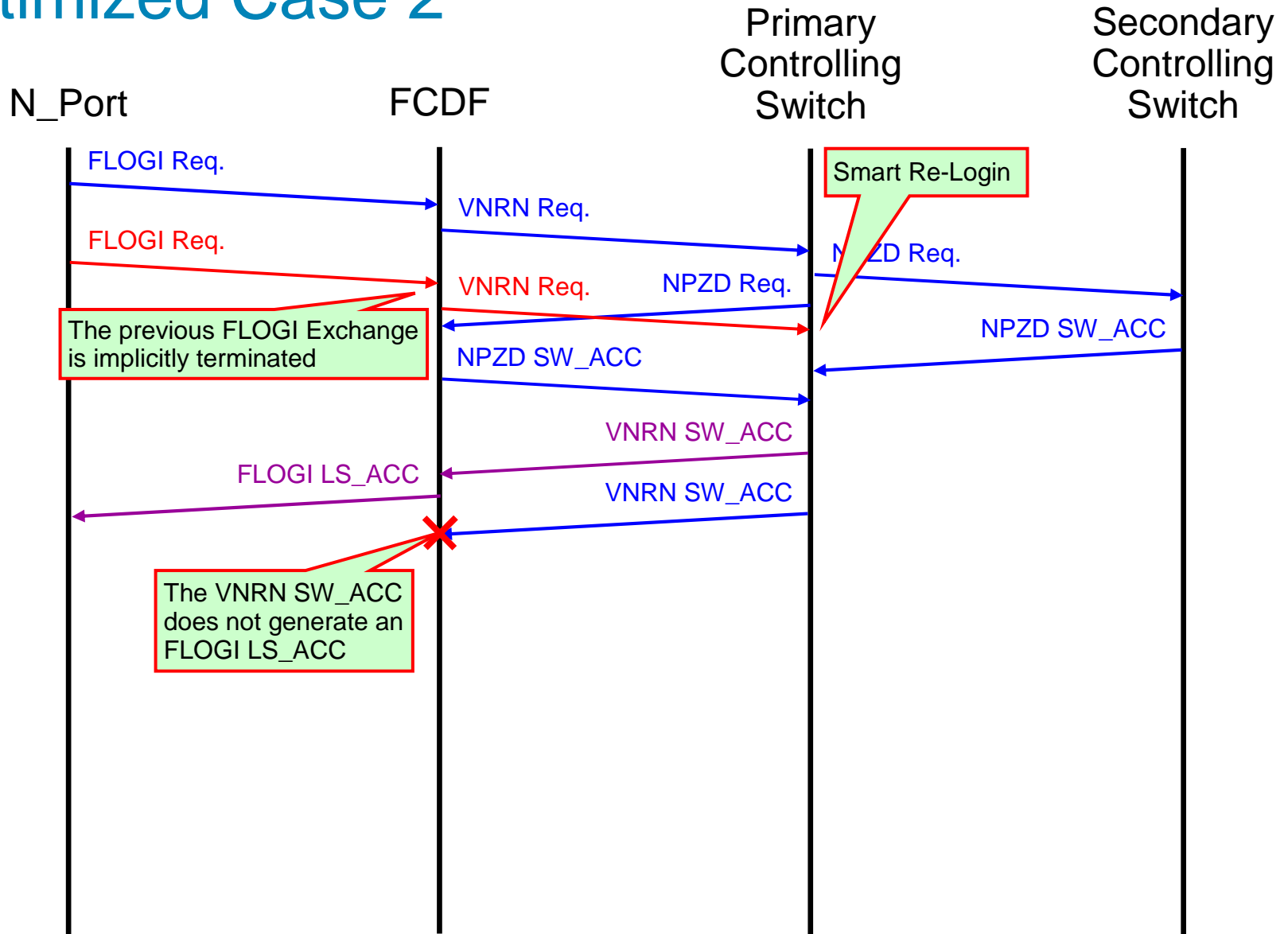
Handling Case 1 (b)



Handling Case 2 (b)



Optimized Case 2



Instructions to Editor

- Referring to FC-SW-6 rev. 1.2, update the last sentence of the fourth paragraph of section 17.9.3 as follows:

Upon receiving the VNRN SW_ACC, containing the FLOGI / NPIV FDISC LS_ACC Parameters, the FCDF that sent the VNRN Request shall accept the FLOGI Request or ~~FIP~~-NPIV FDISC Request and complete the N_Port Fabric login. If the FLOGI or NPIV FDISC Exchange that triggered the VNRN Request has been terminated, then an FLOGI LS_ACC or an NPIV FDISC LS_ACC shall not be generated upon receiving the VNRN SW_ACC. In this case, if upon receiving the VNRN SW_ACC or upon termination of the VNRN Exchange there is no Fabric Login in progress or established for the VN_Port that began the terminated FLOGI or NPIV FDISC Exchange, then the FCDF shall perform a VNUN Exchange with the Primary Controlling Switch to inform the Primary Controlling Switch that the VN_Port is now unreachable.

If while performing the processing of a VNRN Request the Primary Controlling Switch receives a second VNRN Request for the same VN_Port (i.e., the second VNRN Request is received while the first VNRN Exchange is still open) and the processing of the second VNRN Request results in NPZD Requests having the same payloads as the ones generated for the first VNRN Request, then the Controlling Switch may skip sending the second set of NPZD Requests and reply to the second VNRN Request once NPZD processing for the first VNRN Request is considered completed.

Thank you!

