@startuml

participant "HTTP\nServer"

participant "Validating\nNode Y"

participant "Validating\nNode X"

participant "Blockchain\nValidating\nNode#ALL"

"Validating\nNode X" --> "Blockchain\nValidating\nNode#ALL": Check for pending sign request

"Blockchain\nValidating\nNode#ALL" --> "Validating\nNode X": Replies with pending sign request\n(public key,Certificate header,nonce)

"Validating\nNode X" --> "HTTP\nServer": Domain ownership validation \nwith hash of nonce and signature

"Validating\nNode Y" --> "HTTP\nServer": Domain ownership validation \nwith hash of nonce and signature

"Validating\nNode X" --> "Validating\nNode X": Node will verify signature using public key\nprovided in certificate signing request

"Validating\nNode X" --> "Blockchain\nValidating\nNode#ALL": For valid signing request, store the signed certificate\non the blockchain

@enduml